## SCDHEC **Bureau of Water**

## **Public Water System Sanitary Survey Report Ground Water Systems**

System name:

FRANKLIN PARK

System number: 4050016

Last Survey: 08/28/2003

// /7 2004 Survey Date: \_\_/\_/

Comments

BARB WIRE COMP NO DWIN

- TANK RUSTING

NEED SAMPLE TAP ON TANK

DLEAD + COPTER VIOLETTON

37 Day CAN CONTRIT RITE -

NEED A PROSEPT + TO IMPLEMENT,

System Representative

Title



## **Environmental Quality Control Central Midlands District**

TO:

File

DATE:

July 12, 2005

**SYSTEM NAME:** 

Albene Park and Franklin Park«systemname»

WATER/POOL/SPA/OTHER #: 4050007 and 4050016

LOCATION:

Lower Richland Blvd and Cabin Creek Rd

**COUNTY:** 

Richland

PRESENT AT INSPECTION: Sonya C. Johnson

# FIELD INSPECTION REPORT

Observed water leak at Allbene and Gladstone Roads

Tank is water logged

Well pump cycle on and off several times a minute because the tank is water logged

Well pad continues to crack. Temporary seal no longer serves a purpose

Chemical floor is cracking severely. The middle of the floor is raised while the outer perimeter is lower.

Leak on the McDonald valve on the tank

Air compressor appears not to work properly

Lower blocks of the building appears to have separated or cracked more since November 2004

Tank needs to be cleaned and painted.



CENTRAL MIDLANDS EQC DISTRICT PO Box 156, Building #5 State Park, SC 29147 (803) 935-7015 Fax (803) 935-6724

July 7, 2000

Mr. William Sellers 717 King Street Columbia SC 29205-1705

RE:

Sanitary Survey of Albene Park S/D Water System Number 4050007 Richland County

Dear Mr. Sellers:

On July 5, 2000, a follow-up sanitary survey of the above referenced water system was conducted by South Carolina Department of Health and Environmental Control (the Department) personnel. The intent of a survey is to evaluate a public water system's ability to provide a continuous supply of safe drinking water to its customers following the guidelines established by the State Primary Drinking Water Regulations, (R.61-51).

Present at the time of the inspection were Sonya C. Johnson, Larry Boland, and Helena Gathers of the Department. The system's new owner, Reece Williams was present as well as the system operator representative, Thurston Chavis of E.A. Services. The enclosed sanitary survey report consists of a brief description of the system, and a list of the deficiencies that were noted during the survey, along with any general comments or recommendations concerning the water system and its operation.

- 1. Item #2. Protection from contamination—The cement pad around the wellhead casing is still cracked. A temporary sealant can be injected into the cracks until such time repair of the entire tank and well house is conducted. This pad needs to be repaired so that surface water, or any other contamination will not seep into the water supply source, (R.61-58.7 D (9), page 224).
- 2. Item #3. Security- The well house has been repaired. A cover and lock is now present. The empty bags should be removed from the well house.
- 3. Item #9. Chemical storage- The bags of chemicals located in the well house must be stored in dry storage containers to ensure that the chemicals are not damaged or degraded, (R.61-58.2 E (2)(e)(iii), page 77). Currently, there is a container available on site, however, there

Mr. Sellers July 7, 2000 Page 3

- 7. Item #19. Leak detection- A leak detection program needs to be implemented. The purpose of this item is to ensure that the water system is actively searching for water line leaks and using sanitary practices to repair those leaks. All leaks and leak repair procedures should be recorded to include information such as: the location, the date of the repair, and size of the line. A disinfection method and flushing procedures should be available during the time of the repair. Any boil water advisories should be issued prior to placing the water back in service.
- 8. Item #20: System map- The system map needs to be compared with what is actually in the subdivision to see if they both coincide. E.A. Services has a map available which is used for the sample siting plan. Concern was expressed during the inspection that there is not adequate blow-offs within the system to flush the water lines in a unidirectional flow unless schematic valving is performed. An engineer should be obtained to calculate proper distance for installation of additional blow-offs.
- 9. Item #27: Maintenance -At the time of the inspection, the tank was water logged and the air compressor was inoperable. When the well and chemicals are being checked on a daily basis, the tank and other pertenant equipment pertaining to the system should be inspected for proper operation. Also, again be advised the tank is leaning considerably to one end. The tank has settled and damaged the piping within this past year. Evaluation of the tank, piping and saddle support for the tank should be addressed as soon as possible. Especially, the end that has lifted regarding the piping connections into the ground feeding to the distribution system.
- 10. Item #30: Monitor/reports/record keeping- The Albene Park public water system adds simple treatment for pH adjustment and disinfection. Systems that add simple treatment are required to have an operator, of at least a grade D, visit and check the well on a daily basis. The meters must also be read and documented daily, (R. 61-58.7 D (2), page 224).
- 11. Item #32: Facility maintenance- There are empty and open damaged bags of soda ash that must be properly disposed. Other excess debris surrounding the storage tank and well area should be removed. Physical care to public facilities aid in appealing aesthetics to the customers you serve. Also the light inside the chemical room was not operating at the time of this inspection. Adequate lighting is needed should an emergency occur in the evening with the pump/well area.
- 12. Item #35: Procedures manual- A procedures manual needs to be made for this facility. The manual should include a minimum of the following: detailed instructions on starting and stopping any treatment plant, preventative maintenance procedures and schedules for equipment, water quality monitoring records, reporting and public notification records, sampling and analytical procedures for monitoring water quality, sample siting plan, valve and hydrant maintenance procedures, distribution system flushing program, disinfection requirements for the

Mr. Sellers July 7, 2000 Page 5

chemical house structure/building. Since the last inspection, the tanks' leaning had created such pressure over the years until the piping burst/broke. New plumbing has been installed, however, the tank continues the lean with a temporary support and concern continues to be expressed regarding the subsurface of the building flooring. It is recommended that subsurface be evaluated for proper support to the building and tank. A new building is needed and all electrical wiring should be within the building structure.

This system is rated unsatisfactory. July 1999 to December 1999 lead and copper monitoring indicate the system did meet the required compliance levels for this monitoring period. No active flushing program has been inplemented as required in the December 1996 OCCT. Some deficiencies have been addressed since the last inspection, and the remaining must be addressed. Please submit a tentative schedule for complying with the deficient items of this survey as discussed on site. Also, please find enclosed copies of information that may be helpful in developing a procedures manual for the water system.

If you have any questions, please contact me at 896-0620.

Sincerely,

Sonya C. Johnson

Central Midlands EQC District

CC: Doug Kinard, DHEC Drinking Water Compliance

Susan Alder, DHEC Drinking Water Sue Ferguson, Palmetto Health District Richland County Health Department

Nelson Roberts, DHEC Drinking Water Enforcement

•		hu: •••
3. C. Department of Health and Environmental	l Control	with risk discourse up
Bureau of Water		(A)dd, (M)odify.   Mi (R)enum., (D)elete
PUBLIC WATER SYSTEM INVENTORY REPORT F	FORM	· ·
· ·		REASONS JULION-LAP SEN SU
· System Name: ALBENE PARK S/D		
System Number: 4050007 District (O&M):	: 06	
Fax Number :		SURVEY Date: 7/5/2000
	* * * * * * * * * * * * * *	4 3 4 7 3 5 7 5 8 8 8 8 5 5 5 7 8 8 5
MAILING ADDRESS:	GEOGRAPHICAL ADDRESS (14 D	ifferent);
WILLIAM SELLERS	E.A. SERVICES OPERATOR	
717 KING STREET	SONOMA DR ƏL.R. BLVD	
COLUMBIA, SC 29265-1705	HOPKINS, SC	
Telephone: (883)799-9788	Emergency Telephone:	(803)799-9760
SYSTEM CH	IARACTERISTICS	
System Type C Inact Date (mo/yr)	Service Area R1	Season On (mo/day) 0181
Owner Type 2	Counties	· ·
Inact Code Begin Date (mo/yr) 1181	Served: 40	Season Off (mo/day) 1231
********		* * * * * * * * * * * * * * * * * * * *
STATISTIC	CAL INFORMATION	
SOURCE USE INFORMATION:	NUMBER OF SERVICE CONNECTE	ONS:
Percent Surface Water 8	Residential 45	
Percent Ground Water 188	Non-Residential 9	TOTAL 45
Percent Purchased Surface Water. 8	Maximum Allowable 49	
Percent Purchased Ground Water @	Permitted	
TOTAL MUST EQUAL 188 %	Average 0.8091	
	Maxieum Day 0.0188	
Number of Surface Water Sources 8	Total 0.0317	
Number of Ground Water Sources 1	Emergency 0.0800	•
Purchased Surface Water Sources 8	•	
Purchased Ground Water Sources 0		
Number of Permanent SW Sources 0		
Number of Emergency SN Sources B		
Number of Permanent GN Sources 1		
Number of Emergency GW Sources 0	STORAGE:	
	Elevated (MG) 0.000	<del>-</del> .
SERVICE POPULATION:	6round (M6) 9.000	
Population	Pressure (T6) 2.800	
Secondary Population B		
		* * * * * * * * * * * * * * * * * * * *
CO t	IMMENTS	an and larability
VETU DANKES: REESE WILLIAMS WILL SUBMIT EMERGELING CONTROL ALLEMBURS +	LETTER STREET IN OL	LEASHIP, A BOILES [ TITLE

Report Oate: 07/05/2000 DHEC 2109 (Rev. 02/91) Signature Scrip Colors

3,64 ·	The state of the s
S. C. Department of Health and Environ Bureau of Water	mental Control (A)dd, (M)odify,   M,
	(R) enum. (D) elete
PUBLIC WATER SYSTEM SOURCE/PLANT	
	Reason:
System Name: ALBENE PARK S/D	0: 640125 SURVEY Date: 7-15-2000
System Number: 4659007 Source I	D: \$40125 SURVEY Date: 0 / 5 2000
	,
	ENERAL INFORMATION
•	**************************************
Location: END-SONOMA DR.LFT.TK	Availability Code P
Source Mame: WELL ONE	Latitude 33552#.99
Receiving Plant	Longitude 8865244.42
Plant ID	Source Code 8
	HATER SOURCE INFORMATION
WELL CHARACTERISTICS:	WELL PUMP CHARACTERISTICS;
Depth (ft) 118	Horsepower
Type	Турелиний в принципальный в пр
Casing Diameter (in) 6 Casing Type 6	Test Yield (gpm) 33 NO PUMP TEST Instant Yield (gpm) 9 27 RECORD ON FILE
Under the Direct Influence	Instant Yield (gpm) 19 RECORD ON FICE Avg. Daily Production (MGD) 9.033
of Surface Water? N	Regulated Capacity (MGD) 52.80
	negarited adjusted indications of sup
*****************	
	REATHENT CODES
C7483,D421B,	
	COMMENTS
- HOUR REPAIR THE WELLHOUSE & HAVE A CO	ver with lock to secure.
. THE CEMEUT PAS AROUND THE WELL I	s centred.
TANK CONTINUES TO TILT TO ONE SI	of Comment was a construction of Comments

Report Date: 07/05/2000 DHEC 2114 (Rev. 02/91)

U LIFTED GUD

Signature Others Character

# S. C. Department of Health and Environmental Control - Bureau of Water

#### PUBLIC WATER SYSTEM SANITARY SURVEY REPORT GROUNDWATER SYSTEMS

System Na	ime : ALBENE PARK S/D		
	naber: 4050007	LAST SURVEY: 10/14/1998	SURVEY Date: 7 /5/2000
DISTRIBUT	Iltration	24. Sanitary protection S 25. Security S 26. Bypass/drain/tap S 27. Maintenance U  OPERATIONAL CONTROL: 28. Certified operator S 29. Testing equipment S 30. Monitor/report/record keep.S  GENERAL O & M: 31. Plant Security N  32. Facility maintenance I 33. Supplies/spare parts S 34. Waste disposal N  (35. Procedures manual I	A. Plant Group (I - V)
CHSING  HAVE OBTAIN  UTILIZING IT  OF SUDA ASH  PUNN TO MO  PANEL TO  OHEC REPTE  System Rep	esentative Alle (1)	mages bags (19) NO ACTIVED (20) E.A SERIES (21) WITHIN	EVALUATE SYSTEM FOR  INDE MORE BLOW-OFFS.  IE LEAK! DETECTION PROBLEM.  RUILE, OPERATOR HAS MAP.  PAST YEAR, THE TANK  OUTD PIPING, TANK CONTINUE  O ONE END. SUBSURF, KE OF  ENOULS BE EVALUATED FOR  SUPPORT. TANK IS WHITE LOCKED.
DHEC 2113	(Rev 02/91)		Report Data: 87/85/2006

) NEED A MANUAL OF SYSTEM OPERATION, MAP, EMPRESSIVY

Report Date: 07/05/2000



CENTRAL MIDLANDS EQC DISTRICT PO Box 156, Building #5 State Park, SC 29147 (803) 935-7015 Fax (803) 935-6724

August 11, 2000

Mr. William Sellers 717 King Street Columbia SC 29205-1705

RE:

Sanitary Survey of Franklin Park S/D Water System Number 4050016

Richland County

Dear Mr. Sellers:

On July 17, 2000, a follow-up sanitary survey of the above referenced water system was conducted by South Carolina Department of Health and Environmental Control (the Department) personnel. The intent of a survey is to evaluate a public water system's ability to provide a continuous supply of safe drinking water to its customers following the guidelines established by the State Primary Drinking Water Regulations, (R.61-51).

Present at the time of the inspection were Sonya C. Johnson, Larry Boland, and Michele Culbreath of the Department. The system's new owner, Reece Williams was present as well as the system operator representative, Thurston Chavis of E.A. Services. The enclosed sanitary survey report consists of a brief description of the system, and a list of the deficiencies that were noted during the survey, along with any general comments or recommendations concerning the water system and its operation.

- 1. Item #2. Protection from contamination—The water hose connected to the raw water sample tap at the well was capped/plugged and filled with water. It appears valve is not properly sealing on the sample tap and this "plugging of the hose" was used to eliminate the leak. The sample tap needs to be replaced to eliminate any potential problems (R.61-58.7 D (9), page -224).
  - 2. Item #3. Security- There is a fence present surrounding the well and tank. Please ensure the barb wire and fence is maintained properly to prevent any potential invasion of unauthorized persons.
  - 3. Item #12. Water quality- As part of the Consent Order and the Optimum Corrosion Control Treatment (OCCT) recommendation for the Franklin Park water system, treatment was recommended to be implemented. Therefore, this system has yet to comply with the recommendation of the OCCT. As discussed during inspection, the system map available

indicated there is only one hydrant present on the system for flushing and there is no active flushing program being conducted. Both the current distribution system and the proposed flushing plan submitted are inadequately designed for flushing the system. In order to ensure adequate flushing of the entire system, it is recommended that a flushing plan be designed/developed by an engineer and submitted to the Department for review. The plan should include proper location of the blow-offs, line sizes, calculated gallon usage and flushing time to ensure adequate water storage is available for customer usage. Previous raw water sampling indicated the pH level to be 5.0.

This system has exceeded lead and copper action levels in the past but current lead and copper results indicate water quality has improved and currently meet compliance levels.

- 5. Item #17. Valve maintenance- A valve maintenance program needs to be implement for this system. Proper operating valves are critical when a portion of the distribution system must be isolated. A water system must have a program for inspecting, exercising, and maintaining system valves, (R.61-58.7 E (9) page 225). The program should include the following: an updated system map with location of all valves, date of last exercise, number of turns to close and a record of maintenance work for each valve, a schedule for regular exercise and routine maintenance, documentation that valves are being exercised in accordance with the valve maintenance plan.
- 6. Item #18. Flushing program- As mentioned in #4, a flushing program needs to be implemented. The flushing program helps prevent customer complaints and water quality problems associated with stagnant, discolored, and sediment-laden water. Records of all flushing need to be documented. These records should include the date, time, location, total flushing time, size of line, volume or amount of water flushed, and any other relevant information (R.61-58.7 E (13), page 226).
- 7. Item #19. Leak detection- A leak detection program needs to be implemented. The purpose of this item is to ensure that the water system is actively searching for water line leaks and using sanitary practices to repair those leaks. All leaks and leak repair procedures should be recorded to include information such as: the location, the date of the repair, and size of the line. A disinfection method and flushing procedures should be available during the time of the repair. Any boil water advisories should be issued prior to placing the water back in service.
- 8. Item #20: System map- The system map needs to be compared with what is actually in the subdivision to see if they both coincide. E.A. Services has a map available which is used for the sample siting plan. Concern was expressed during the inspection that there is not adequate blow-offs within the system to flush the water lines in a unidirectional flow unless schematic

valving is performed. An engineer should be obtained to calculate proper distance for installation of additional blow-offs. The map also shows other lines that were to be installed for the next phase development of the water system. At the time of the inspection, no one was sure if those lines had been installed or not. Please advise Mr. Williams on the status of those lines if they have or have not been installed.

- 9. Item #27: Maintenance -Since the previous inspection, a new air compressor has been installed on the water tank. There is no pressure relief valve, vacuum relief valve nor a sample tap present. (R.61-58.4 C (5) (d), page 116). As discussed during the survey, the sample tap can be installed on the pipe side leading to the distribution from the tank. The wire extending from the top of the tank needs to be evaluated to see if it is active or not. If it is not active, it should be removed. However, if it is active, then it must be in conduit. Please be advised, the tank shall be inspected at a minimum of once a week for the purpose of checking on the security of the tanks and insuring that proper air/water ratios are being maintained in the hydropneumatic storage tanks. (R.61-58.7 (E) (2) page 218).
- 10. Item #30: Monitor/reports/record keeping- The Albene Park public water system adds no treatment for pH adjustment or disinfection. An initial Construction Permit was obtained to add sodium hypochlorite and soda ash was granted August 1, 1996. A Permit Extension was given until August 1, 1999. As of this date, no treatment has been added and the Permit to Construct has expired. Systems that add simple treatment are required to have an operator, of at least a grade D, visit and check the well on a daily basis. The meters must also be read and documented daily, (R. 61-58.7 D (2), page 224).
- 11. Item #32: Facility maintenance- Excess vegetation and debris surrounding the fence, storage tank and well area should be removed. Physical care to public facilities aid in appealing aesthetics to the customers you serve.
- 12. Item #35: Procedures manual- A procedures manual needs to be made for this facility. The manual should include a minimum of the following: detailed instructions on starting and stopping any treatment plant, preventative maintenance procedures and schedules for equipment, water quality monitoring records, reporting and public notification records, sampling and analytical procedures for monitoring water quality, sample siting plan, valve and hydrant maintenance procedures, distribution system flushing program, disinfection requirements for the repair of wells, tanks and water lines, leak detection and repair program, safety procedures and emergency plans, (R.61-58.7 B (2) page 218).
- 13. Item #37: Emergency plan This system has had problems in the past with water and pressure loss. Contact and response time has improved since the previous inspection. As discussed during the inspection, any added information such as emergency contacts to the person

responsible for the well, distribution repair, handing out any water advisories and contacting DHEC any time there is a system failure. Please be advised that the far end and high points in the distribution system will be the first without water. If water is present in the tank, there still may be no water in the distribution. Boil water advisories must be issued during anytime the distribution pressure drops below ten pounds per square inch (10 psi).

The procedures should include the following:

- A. Contact DHEC: Our office should be contacted and informed of problems that the system is experiencing. When we know of the system's current problems, we can handle complaints concerning the system better and help assist with trouble shooting the facility's problem. Our office number has changed (please note) 896-0620. Our 24 hour emergency numbers: local number 253-6488 or toll free 1-888-481-0125.
- B. Issue a Boil Water Advisory: After the problem has been identified, a Boil Water Advisory must be issued to each customer. The notice must be issued before the system is put back into service. A copy of the Advisory must be submitted to our office (new fax number 896-0617).
- C. Disinfection/ Flush: If the system has a line break or a problem that requires the pump to be pulled, it must be disinfected and flushed properly to aid in preventing any potential bacteria growth and other contamination from being introduced into the system.
- D. Sample System: Once the system has been disinfected/flushed and put back into service, bacteriological samples must be collected. A copy of the (satisfactory) sample results must be submitted to our office.
- E. Repeal Boil Water Advisory: Once the bacteriological samples performed on the system come back negative for any bacteria, a repeal of the initial Advisory may be issued. A copy of this must be submitted to this office also.
- It should also be mentioned in the system's Emergency Plan information about acquiring a water tank truck to haul water to the system, if the occasion ever arises. (i.e. what company to use, their telephone number, etc.)

Review of the system file, Franklin Park S/D has been under a Consent Order since November 18, 1992. Under the Order, the facility owners were to install corrosion control devices and chlorination injection equipment on the current water supply well. It was also stated that if the current water well supply source no longer met Department water quality standards, then a second potable water supply source would be needed. On August 1996, a construction permit was granted to Piney Grove Utilites, Inc. for the installation of a new well house, piping, and

appurtenances for the addition of sodium hypochlorite and soda ash. An extension was granted until August 1, 1999. To this date, this construction has not been completed and the permit has since expired. This system continues to be in violation of the November 18, 1992, Consent Order due to no corrosion control.

Also, a test well permit was issued March 4, 1993 (expired March 8, 1995). Based on the map, the second well that is presently located at the off-line well and tank appears to be that drilled test well. No further information is on file pertaining to that well.

This system is rated unsatisfactory. July 1999 to December 1999 lead and copper monitoring indicate the system did meet the required compliance levels for this monitoring period. Some deficiencies have been addressed since the last inspection, and the remaining must be addressed. Please submit a tentative schedule for complying with the deficient items of this survey as discussed on site. Also, please find enclosed copies of information that may be helpful in developing a procedures manual for the water system.

If you have any questions, please contact me at 896-0620.

Singerely,

Sonva C. Johnson

Central Midlands EQC District

CC: Doug Kinard, DHEC Drinking Water Compliance
Susan Alder, DHEC Drinking Water
Sue Ferguson, Palmetto Health District
Richland County Health Department
Nelson Roberts, DHEC Drinking Water Enforcement

S. C. Department of Health and Environmental	Control				. b
Bureau of Water			(A)dd, (A)		mi
PUBLIC WATER SYSTEM INVENTORY REPORT FO	DH			(D)elete	
INDEXP AUTER PINTER INTENTION PERMIT	1111		Reason: -	faires-1	10
System Name: FRANKLIN PARK			45.00	ىرىيا. دەسىدىدىك <del>ىكىلىنىدا ئىدىلىنىدا ئە</del>	(fright many
System Number: 4850016 District (D&M):	86			- 1	
• Fax Aumber :	w		SURVEY Dat	faia = 1	$\mathcal{C}$
	3	2	2 4 4 4 7		2 A 2
MAILING ADDRESS: WILLIAM SELLERS	GEOGRAPHICAL ADDRESS E.A. SERVICES OPERA		erent/:		
717 KING STREET	CABIN CREEK RD	i UR			
COLUMBIA, SC 29785-1705	HOPKINS, SC				
Telephone: (803)799-9700	Emergency Telephone	: (80	3)799-9700		
	en e				
SYSTEM CHA	RACTERISTICS				* * *
System Type C Inact Date (mo/yr) Owner Type 2	Service Area Ri Counties		Season On	(mo/day) D	181
Inact Code Begin Date (mo/yr) 8478			Spason Off	(mo/day) 1	731
		* * 3 * 5		•	
STATISTICA	L INFORMATION				
SOURCE UBE INFORMATION:	NUMBER OF SERVICE C	nuurntroue			
Percent Surface Water 0	Residential		i		
Percent Bround Nater 180	Non-Residential		TOTAL	51	
Percent Purchased Surface Water. 8	Maximum Allowable				
Percent Purchased Ground Water 8	Permitted PRODUCTION (MGD):	8			
TOTAL MUST EQUAL 198 %	Average	6.9600			
	Maximum Day				-4
Number of Surface Water Sources., 0	Total				
Number of Ground Water Sources 7	Emergency,	0.0000			
Purchased Surface Water Sources 8 Purchased Ground Water Sources 8					
Number of Permanent SW Sources 0					
Number of Emergency SN Sources 8 Number of Permanent GW Sources 1					
	eronaer.				
Number of Emergency SN Sources 0	STORAGE: Elevated (MG)	9. 200			
SERVICE POPULATION:	Ground (MG)	0.000 8.866			-
Population	Pressure (16)	5.088			
Secondary Population 0		-,			
	* * * * * * * * * *	2 7 2 7 5	* * * * * * *	* * * * * * *	z
COM	HENTS				

Report Date: 07/05/2000 DHEC 2109 (Rev. 82/91)

9. C. Department of Health and El Bureau of Nati PUBLIC WATER SYSTEM COURCE System Wame: FRANKLIN PARI System Number: 4858015 Sci	RESERVED TO A STATE OF THE STAT	(A) du, (M) adify, (A) enum., (D) elete
* * * * * * * * * * * * * * * * * * * *	SENERAL INFLORMATION	
Location: FRONT LEFT OF 5/0 Source Name: MELL ONE Receiving Plant Plant ID	Availability Code P Latitude 335411. Longitude 8985117. Source Code B	96 65
a treaterateratera a santera Pi	ROUND WATER SOURCE INFORMATION	
WE(1. CHARACTERISTICS:  Depth (ft)	WELL PUMP CHARACTERISTI Horsepower Type Test Yield (opm) Instant Yield (opm) Avg. Daily Froduction(M Regulated Capacity (MSD	2.00 5 2.2 40 3.2 9 3.00
· · · · · · · · · · · · · · · · · · ·	TREATMENT CODES	
ALLY TO REPLACE SPIGOT. /# A STICK IN A WATER LOSE	DIMENTS PRESENTLY	Petitioed By

Report Date: 07/05/2000 DMEC 2114 (Rov. 02/91) Signature Diny ()

	S. C. Department of Health and Environme	ental Control	ign man day sun.
	Bureau of Water		(A)dd, (M)odify, } (R)enue., (D)elete
	PUBLIC WATER SYSTEM SOURCE/PLANT	Inventory	_
	A CONTRACTOR OF THE CONTRACTOR		RESSON: focus -up
	System Name: FRANKLIN PARK	. <i>Пата</i>	2000 C 2
	System Number: 4050016 Source ID:	640157	SURVEY Date: 2/17/2008
	8 C	ERAL INFORMATION	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Location: LEFT REAR OF S/D	Availability Code O	
	Source Name: WELL TWO	Latitude	
	Receiving Plant	Longitude	
	Plant ID	Source Code 8	
	GROUND HA	TER SOURCE INFORMATION	* 5 * 6 * 5 * 7 * 8 * 2 * 2 * 8 * 4 *
	WELL CHARACTERISTICS:	WELL PUMP CHARACTERISTICS:	
	Depth (ft)	Horsepower	0.40
	Type 2	1408	istonen
	Casing Diameter (in) &	Test Yield (gpm)	
	Casing Type P	Instant Yield (gpm)	
	Under the Direct Influence	Avg. Daily Production(MGD)	
	of Surface Water? U	Regulated Capacity (MGD)	. 0.00
	N9888,	ATMENT CODES  CONHENTS	
	Locates Benjas 225 - 27 Benjar Rep	29 HR of Houst's	•
2 u	haus present. NEW well is comple	<b>&gt;</b> ••••	
_	INTIAL PORTGIADE WELL IS CA	IPPETS 1	
NE	ED TO EVALUATE TANK		

Report Date: 87/85/2000 DHEC 2114 (Rev. 82/91) Signature Sonys Coh

# S. C. Department of Health and Environmental Control - Bureau of Water

# PUBLIC WATER SYSTEM SANITARY SURVEY REPORT GROUNDWATER SYSTEMS

System Number: 4050016	LAST SURVEY: 10/14/1998	SURVEY Date: 7,17,2000
SOURCE:	21. Sample siting plan	
1. Quantitys	22. Disinfectant Residual N	A. Plant Group (I - V) I
2) Protection from contam S	STORAGE:	B. Operator Grade
3. Securitys	23. Capacitys	A
(4.) Wellhead piping		B 0
5. Pumpss	24. Sanitary protection S 25. Security	C
6 Flow meter	<i>P</i> 7	D 0
WATER TREATMENT:	(26). Bypass/drain/tap U	T 0
7. Filtration	OPERATIONAL CONTROL:	C. Field Tests
8 Equipment O & M N		Chlorine
9. Chemical storage N	28. Certified operator	рн
10. Chemical feed rooms N	29. Testing equipment	psi
11. Chemical inject pt/sam. N	30 Monitor/report/record keep.S	Other
DISTRIBUTION:	GENERAL O & M:	D. Samples Taken
(12) Qualilty	31. Plant Security	Bacteriological
(13.) Operation & Control I	32. Facility maintenance y u	Inorganic
14. Adequate pressure(S)	33. Supplies/spare parts S	Organic
15. Fire flow	34. Waste disposal	Radiological
16 X-Connection control XS	35. Procedures manual	Other
<del></del>	EMERGENCY OPERATION:	E. Type Inspection ROUTINE
17. Valve/hydrant maintenance.I	36. Stand-by power	F. Are All Services Metered? Y
18. Flushing program	(37) Emergency plan	Percent Metered
19. Leak detection/Rp I  20. System map I	Misc. Old Survey	G. Is System Presently Under Order Y
20.) System map	38 Weather protection	H. If Yes, is System Complying W/ Order.
	39. FW pump capacity	I. Follow-up Scheduled? N
	A STATE OF THE PROPERTY OF THE	Date Scheduled / /
		J. Overall Rating U
	,	Operator/Owner Present? Y
D HOSE BIRB/SOMPLE THE HAS A C. WINTER HOSE ATTACHED IS FULL BUT IS PLULGED. HOSE RIBE MIL	L OF WITCH SAMPLE	RECURSE + RECUET VALUE. + THE ON DISTRIBUTION STOK PIPING, EMERGENCY # FOR CONTACT
) NOW A FLOW MATER		
) LEAD + COPPER SAMPLANG	Exceedance.	
DIF WIRE LEADING FROM THE IT MUST BE IN CONDUIT	UK IS ACTIVE,	
Donys Jokason		
EC Representative	As S	·
	~	
stem Representative	Title	

EC 2113 (Rev 02/91)

System Name : FRANKLIN PARK

Report Date: 07/17/2000

S. C. Department of Health and Environ Bureau of Water	nmental Control (A)dd, (M)odify, (R)enum., (D)elste	
PUBLIC WATER SYSTEM SOURCE/PLANT		
System Name: FRANKLIN PARK System Number: 4050016 Source I	-7 1-	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	GENERAL INFORMATION	•
Location: FRONT LEFT OF S/D	Availability Code P	
Source Name: WELL ONE	Latitude 335411.96	
Receiving Plant	Longitude 0805117.63	
Plant ID	Source Code 8	
GROUND	WATER SOURCE INFORMATION	2
WELL CHARACTERISTICS:	WELL PUMP CHARACTERISTICS:	4
Depth (ft)	Horsepower, 2.00	
Туре 2	Type S	
Casing Diameter (in) 4	Test Yield (gpm) 48	
Casing Type P	Instant Yield (gpm) &	
Under the Direct Influence	Avg. Daily Production(MGD) 0.00	
of Surface Water? N	Regulated Capacity (MGD) 39.40	
		4
· · · · · · · · · · · · · · · · · · ·	TREATMENT CODES	**
18696,		
	Сеть светельный в развет в сет в	•
COMPANY /11.	RUBIS PRESENTEY PLUGGED BY	
CED TO REPLACE SPIGOT. /HOSE	SIBIS. FICESCO.	
STICK IN A WATER LOSE.		

Signatµ

Report Date: 07/05/2000 DHEC 2114 (Rev. 02/91)

PUBLIC William Action Action Action Action Action	*; 2 % 2 % 3 % 2 % 3 % 2 %		(A) dai, (M) adify, 1 (M) enus., (M) elete  Reason: The Control of the Cont
Location: LEFT REAR Source Name: WELL INC Receiving Plant Plant ID		Availability Code 0 Latitude Longitude 8 Source Code 9	
WELL CHARACTERISTICS: Depth (fi)	. 2 6 . F	WELL PIMP CHARACTERISTICS: Horsepower	
\$	TREATNE	MAENTS	* * * * * * * * * * * * * * * * * * *

Report Date: **87/85/2000** DNEC 2114 (Rev. **0**2/91)

DIECES PRODEST. NOT WILL IS CHAPLED

MED TO CURLINING THUR

INTIMI PORIGIANE WELL IS CAPTERS

Signature De Hyo St

# S. C. Department of Health and Environmental Control - Bureau of Water

# PUBLIC WATER SYSTEM SANITARY SURVEY REPORT GROUNDWATER SYSTEMS

System Number: 4050016	LAST SURVEY: 10/14/1998	SURVEY Date: 7,17,2000
		- :
SOURCE:	21 Sample siting plan	2. 23.
1. Quantitys	22 Disinfectant Residual N	A. Plant Group (I - V)
2 Protection from contam S	STORAGE:	B. Operator Grade
3. Securitys		A 0
(4.) Wellhead pipings	23. Capacitys	B 0
	24 Sanitary protection s	C
5. Pumps	25. Security	D 0
6.Flow meter	26. Bypass/drain/tap U	T 0
WATER TREATMENT:	(7). Maintenance y 5	C. Field Tests
7. Filtration	OPERATIONAL CONTROL:	Chlorine
8. Equipment O & M N	28. Certified operator N	рн
9. Chemical storage	29. Testing equipment	psi
10. Chemical feed rooms N	30. Monitor/report/record keep.S	Other
11. Chemical inject pt/sam N	GENERAL O & M:	D. Samples Taken
DISTRIBUTION:	31. Plant Security	Bacteriological
(12) Qualilty	32. Facility maintenance Y W	Inorganic
(F3) Operation & Control I	33 Supplies/spare parts S	Organic
14. Adequate pressure	34. Waste disposal N	Radiological
15. Fire flow	35 Procedures manual	Other.
16. X-Connection controlXS	EMERGENCY OPERATION:	
17. Valve/hydrant maintenance.I	36 Stand-by power	E. Type Inspection ROUTINE
18. Flushing program.	(37) Emergency plan	F. Are All Services Metered? Y
19. Leak detection/Rp I	Misc. Old Survey	Percent Metered
(20.) System map I	- Af	G. Is System Presently Under Order. Y
of production and participation of the production of the productio	38. Weather protection	H. If Yes, is System Complying W/ Order.
	39. FW pump capacity	I Follow-up Scheduled? N
The second secon	The state of the s	Date Scheduled/ / /
		J. Overall Rating U
		Operator/Owner Present? Y
D HOSE BIBB/SAMPLE TAP HAS A C WATER HUSE ATTACHED IS FLU BUT IS PLUGED - HOSE RIAB MI	LOF WOTER SAMPLE	RECEISE + RECEIF VALUE. + THE ON DISTRIBUTION SIDE PIPING. MERCENCY IT FOR CONTACT.
D NOOD A FLOW MATER		
D LEND + COPPER SAMPLANG,  3) IF WIRE LEADING FROM THE  IT MUST BE IN CONDUIT	EXCEEDALICE. N.K. 15 ACTIVE,	
HEC Representative		
* D & Wa	Dias D	
ystem Representative	Title	

EC 2113 (Rev 02/91)

System Name : FRANKLIN PARK

Report Date: 07/17/2000

**ENVIRONMENTAL QUALITY CONTROI** 



South Carolina Department of Health and Environmental Control

TO:

File

DATE:

10-19-99-2000

**SYSTEM NAME:** 

Albene Park

WATER/POOL/SPA/OTHER #: 4050007

LOCATION:

**Hopkins** 

**COUNTY:** 

Richland

PRESENT AT INSPECTION:

Michele Culbreath Steve Mulherin

CENTRAL MIDLANDS DISTRICT

#### FIELD INSPECTION REPORT

I met Mr. Steve Mulherin from EA Services at 9:00 AM in order to check and see what progress had been made towards upgrading the water system. Since the follow-up inspection by Sonya Johnson on July 5, 2000, the following has been done:

- 1. The cracks in the cement pad have been filled with a temporary sealant.
- 2. The dry chemicals are now being stored in a dry container.
- 3. The air compressor has been replaced and the tank is no longer water logged.

However, the following has yet to be accomplished:

- 1. The tank is still leaning
- 2. There are still broken bags with some substance in them on the floor.
- 3. According to Mr Mulherin, the flushing program is still being worked on and has yet to be implemented.

SIGNED:

Michele Culbreath



South Carolina Department of Health and Environmental Control

# **ENVIRONMENTAL QUALITY CONTROL** CENTRAL MIDLANDS DISTRICT

TO:

File

DATE:

10-19-00

**SYSTEM NAME:** 

Franklin Park

WATER/POOL/SPA/OTHER #: 4050016

LOCATION:

**Hopkins** 

**COUNTY:** 

Richland

PRESENT AT INSPECTION:

Michele Culbreath Steve Mulherin

#### FIELD INSPECTION REPORT

I followed Mr. Steve Mulherin from Albene Park to Franklin Park in order to check and see what progress had been made towards upgrading the water system. Since the follow-up inspection by Sonya Johnson on July 17, 2000, the following has been done:

- 1. The hose bib/ sample tap has been repaired
- 2. The excess vegetation has been killed with an herbicide, but has not been removed from around the well, tank, and the fenced enclosure.

The following items have not been completed:

- 1. The barbed wire has not been replaced, and the gate is not attached to the hinges on the right-hand side.
- 2. No corrosion control devices have been installed.
- 3. The pressure relief valve, vacuum relief valve, and sample tap have not been installed on the tank.
- 4. The wire extending from the top of the tank has neither been removed, nor put in conduit.

**SIGNED:** 

Michele Culbreath



NTRAL MIDLANDS EQC DISTRICT
Box 156, Building #5
te Park, SC 29147
13) 896-0620 Fax (803) 896-0617

Reece Williams #2 Fifth Ave Charleston, SC 29403 April 4, 2001

RE:

Sanitary Survey of Albene Park S/D

Water System Number 4050007

Richland County

Dear Mr. Williams:

On March 1, 2001, a follow-up sanitary survey of the above referenced water system was conducted by South Carolina Department of Health and Environmental Control (the Department) personnel. The intent of a survey is to evaluate a public water system's ability to provide a continuous supply of safe drinking water to its customers following the guidelines established by the State Primary Drinking Water Regulations, (R.61-51).

Present at the time of the inspection were Sonya C. Johnson of the Department. The system's new operator, Rita Foxworth of Garfield Environmental was present. The enclosed sanitary survey report consists of a brief description of the system, and a list of the deficiencies that were noted during the survey, along with any general comments or recommendations concerning the water system and its operation. The bold typeface indicates any changes from the original follow-up survey of July 5, 2000.

- 1. Item #2. Protection from contamination—The cement pad around the wellhead casing is still cracked. A temporary sealant can be injected into the cracks until such time repair of the entire tank and well house is conducted. This pad needs to be repaired so that surface water, or any other contamination will not seep into the water supply source, (R.61-58.7 D (9), page 224). This has been corrected temporarily by injecting a sealant into the cracks.
- 2. Item #3. Security- The well house has been repaired. A cover and lock is now present. The empty bags should be removed from the well house. This has been corrected.
- 3. Item #9. Chemical storage- The bags of chemicals located in the well house must be stored in dry storage containers to ensure that the chemicals are not damaged or degraded, (R.61-58.2 E (2)(e)(iii), page 77). Currently, there is a container available on site, however, there are opened and damaged bags of soda ash present. These damaged bags must be removed and properly disposed. Graduated measuring devices have been obtained for mixing chemicals so that the numerical amount can be recorded in the well log and reproducing solution consistency.

Page 3 Mr. Williams April 4, 2001

operation. Also, again be advised the tank is leaning considerably to one end. The tank has settled and damaged the piping within this past year. Evaluation of the tank, piping and saddle support for the tank should be addressed as soon as possible. Especially, the end that has lifted regarding the piping connections into the ground feeding to the distribution system. The air compressor has been repaired since the last survey, however the tank situation has not been addressed.

- 10. Item #30: Monitor/reports/record keeping- The Albene Park public water system adds simple treatment for pH adjustment and disinfection. Systems that add simple treatment are required to have an operator, of at least a grade D, visit and check the well on a daily basis. The meters must also be read and documented daily, (R. 61-58.7 D (2), page 224).
- 11. Item #32: Facility maintenance- There are empty and open damaged bags of soda ash that must be properly disposed. Other excess debris surrounding the storage tank and well area should be removed. Physical care to public facilities aid in appealing aesthetics to the customers you serve. Also the light inside the chemical room was not operating at the time of this inspection. Adequate lighting is needed should an emergency occur in the evening with the pump/well area. This has been corrected.
- 12. Item #35: Procedures manual- A procedures manual needs to be made for this facility. The manual should include a minimum of the following: detailed instructions on starting and stopping any treatment plant, preventative maintenance procedures and schedules for equipment, water quality monitoring records, reporting and public notification records, sampling and analytical procedures for monitoring water quality, sample siting plan, valve and hydrant maintenance procedures, distribution system flushing program, disinfection requirements for the repair of wells, tanks and water lines, leak detection and repair program, safety procedures and emergency plans, (R.61-58.7 B (2) page 218). E.A. Services previously maintained the procedures manual, Ms. Foxworth has developed a manual for the system. Please include the enclosed provided information to this manual.
- 13. Item #37: Emergency plan This system has had problems in the past with water and pressure loss. Contact and response time has improved since the previous inspection. As discussed during the inspection, add any information such as emergency contacts to the person or contractors responsible for the well, and distribution repair. Hand out any necessary water advisories and contact DHEC any time there is a system failure. Please be advised that the far end and high points in the distribution system will be the first without water. If water is present in the tank, there still may be no water in the distribution. Boil water advisories must be issued anytime the distribution pressure drops below ten pounds per square inch (10 psi).

# The procedures manual should include the following:

A. Contact DHEC: Our office should be contacted and informed of any problems that the system

Page 5 Mr. Williams April 4, 2001

Please note the Department has requested on several occasions for a letter of ownership from you. Mailing address can not be conrected regarding the systems you have indicated you "own" can not be changed until we received this in writing from you. Recent correspondance regarding the systems have returned to the Department due to incorrect address. This survey is being forwarded to the Charleston address, however, no changes will be made in the Departments' data base until such time we received your letter.

If you have any questions, please contact me at 896-0620.

Sincerely,

Sonya C. Johnson

Central Midlands EQC District

CC: Doug Kinard, DHEC Drinking Water Compliance

Susan Alder, DHEC Drinking Water

Sue Ferguson, Palmetto Health District

Richland County Environmental Health Department

Nelson Roberts, DHEC Drinking Water Enforcement

Rita Foxworth, Garfield Environmental Services, P.O. Box 1316, Summerton, SC 29148

3. C. Department of Health and Environmental	Control	
- Bureau of Water	-	(A) dd, (M) odify.
		(R)enua., (D)elete
PUBLIC WATER SYSTEM INVENTORY REPORT FO	ORM	
		Reason: Tocching
System Name: ALDENE PARK S/D		
System Number: 4859887 District (D&M): Fax Number:	76	INDAY: Batas 2 (-1) - 1
LAY MAMPEL !		TODAY's Date: 3 /210/ Zood
MAILING ADDRESS: Para (1)	SÉOGRAPHICAL/CONTACT ADDRESS	(If Different):
MAILING ADDRESS: RECCE WILLIAMS WILLIAM SELLERS WAS THE CETTER	E.A. SERVICES OPERATOR CAR	
717 KING STREET	SONOMA DR PL.R. BLVD	
COLUMBIA, SC 29285-1785	HOPKING. SC	
Telephone: (803)799-9700	Emergency Telephone: (88)	455P-000-9724
•		REECE MORICE
GYSTEN CHA	PRACTERISTICS	
System Type C Inact Date (mp/yr)	Service Area Ri	Season On (mo/day) 9181
Subtype		
Owner Type 2	Counties	•
Inact Code Begin Date (mo/vr) 1181	Served: 48	Season Off (mo/day) 1231
STATISTICA	L INFORMATION	
SOURCE USE INFORMATION:	WHATER OF PERMITE COMMERTIONS.	
Percent Surface Water 8	NUMBER OF SERVICE CONNECTIONS: Residential 45	
Percent Ground Nater 100	Non-Residential	TOTAL 45
Percent Purchased Surface Water. 6	Maximum Allowable. 49	1011L 10
Percent Purchased Ground Water 9	Permitted	
************************************	PRODUCTION (MGD):	
TOTAL MUST EQUAL 188 %	Average 3.0091	
	Maximum Day 0.0188	
Number of Surface Water Sources 8	CAPACITY (MGD):	
Number of Surface Water Sources 8 Number of Ground Water Sources 1	Total 0.0317 Emergency 0.0000	
Purchased Surface Water Sources 0	Emergency 0.0000	
Purchased Ground Water Sources 8	<b>4</b>	
Number of Permanent SM Sources 8.		
Mumber of Emergency SW Sources 3		
Number of Permanent GM Sources 1		
Number of Emergency GW Sources 8	STORAGE:	
PERMITOR DEDINATIONS	Elevated (MG) 0.000	
SERVICE POPULATION: Population:	Fressure (T6) 2.000	*
Secondary Population 0	Pressure (T6) 2.000	
Deliminary (Vidualization of the state of th		
> I/ COM	HENTS	
ZERCE WILLIAMS 15 CURRENT OVERER S	TILL ROUT NO RELEASE	<i>1</i> €7)
ETTER NOTING HE IS THE LIGHT OW	NOT	
	$\wedge$	
P- [ 470 7769/W)	[]	
KITH TOXUGEHT 710-130.	// /	//
RITTO FUXUORIA 478-7369 (W)  OPENTOR 473-0572(m)  REPORT Date: \$3/14/2001	X ( )	<b>'</b>
•	Signature Jours (10)	1
DHEC 2199 (Rev. 82/91)		
1. 18. 18. 18. 18. 18. 18. 18. 18. 18. 1	' , I	•

HOME ADDRESS # Z FIFTH AVE

S. C. Department of Health a Burnau of Wa	Avironmental Control ter	(R)enum., (D)elete	
PUBLIC MATER SYSTEM SOURCE	E/PLANT INVENTORY	Reasons FOLLOW-UP	
System Name: ALBENE PARK System Number: 4058007 S		TODAY's Date: 3/26/200)	
	GENERAL INFORMATION	•••••	
Location: END-SONOMA DR.LFT.TK Source Name: WELL ONE Receiving Plant Plant ID	Availability Code P Latitude 335520.99 Longitude 8885244.42 Source Code 6		
	GROUND WATER SOURCE INFORMATION		
WELL CHARACTERISTICS:  Depth (ft)	WELL PUMP CHARACTERISTICS: Horsepower Type Design Yield (gpm) Test Yield (gpm) Avg. Daily Production(TGD). Regulated Capacity (TGD)		
C7493, B4218,	TREATHENT CODES  CONNENTS		
Holse Is Now Clear			
CRACKS FILLED 113.	<del></del>		
	1CTIU6		
PH RANGE HAS BEEN RETAINS THIS WAS DONE BY PREVIOUS	DING KOW SHOULD  OFEIRTURS TO ASSIST IN	BE ARONE 7.5 RANGE. LESS & COPPER DOMPLIANCE	
		- []	-
Report Date: 03/14/2001 DHEC 2114 (Rev. 02/91)	Signature Dryp	The -	

4...

# S. C. Department of Health and Environmental Control — Burrau of Water PUBLIC WATER SYSTEM SANITARY SURVEY REPORT GROUNDWATER SYSTEMS

System Name : ALBENE PARK S/D		
System Number: 4858907	LAST SURVEY: 97/85/2898	SURVEY Date://
SOURCE:	(27) Sample siting plan S	A. Plant Group (I - V) III
1. Quantity 5	22. Disinfectant Residual S	B. Operator Grade
2) Protection from contam I	STORAGE:	A 8
3. Security	23. CapacityS	B 8
4. Wellhead piping S	24. Sanitary protection S	C 8
	25. Security 5	D 2
5. Pumps 5 6.Flow meter 5	26. Bypass/drain/tap S	1
WATER TREATHENT:	27. Maintenance U	C. Field Tests
7. Filtration	OPERATIONAL CONTROL:	Chloring
8. Equipment 0 % M S	28. Certified operator S	DH
7. Chemical storage		psi
10. Chemical feed rooms		Other
	SEMERAL O & M:	D. Samples Taken
11. Chemical inject pt/sam S DISTRIBUTION:		Bacteriological
	31. Plant Security N  32. Facility maintenance 1 5	Ingranic
12. Water Quality	_	Organic
13. Operation & Control		Radiological
14. Adequate pressure S	34. Waste disposal N	Other
15. Fire flow	35. Procedures manual	سي ملكن بي
16. X-Connection control 5	EMERGENCY OPERATION:	
17. Valve/hydrant maintenance.I	36. Stand-by power N	F. Are All Services Metered? Y
18. Flushing program I	37. Emergency plan	Percent Metered 100
17. Leak detection/Rp		6. Is System Presently Under Order. Y
20. System map I	38. CCR.,	H. If Yes, is System Complying W/ Order.
		I. Follow-up Scheduled? N
•		Date Scheduled / /
	· 	J. Overall Rating
		Operator/Owner Present? Y
	INJECTED CONNENTS (1710	STILL HAVE NOT PAPELEDS ED
Timiotoky SUDURY HAS BE		
IN THE CHACKS	10	priceted ceaks + occumioned
)+ 10 CHEMICOLS AILE BETHE	STUDED IN A 19 HAVE	CAUTED CONK .
14 (0) CHEMICOLS AIRE BEING	REPAIR	ns.
Day Continuor Emity ish	16: MAURICE TON 2 1 PU ?	LUCE TO DE TO J FROM EN.
REMUJES.	21 50 3	COS IT POSCIBLE
A CONTRACTOR OF THE CONTRACTOR	SULUE IMPROVED - 2	CONT NUCL TO COM
PLANTO ROMOUS CLUTS, >2	CALDER ENISE. CITAINIC	
PLAN TO REMOVE OURS! SE		MIC MANUAL FOR
LOGO IS PICESCIST	737,5	LE ENCLUSED MANUOL FOR ASSISTANCE
Longo C Lokeso		
DHEC Representative		•
THE THEORY CANDELSES I		
$\mathcal{D}$		
KITO TO XLUCTE WAS	5,75	
System Representative	Title	
	· <del>-</del>	
NUEP 2113 (Pay 82/01)		Report Date: 83/14/2881



ENTRAL MIDLANDS EQC DISTRICT
) Box 156, Building #5
ate Park, SC 29147
)3) 896-0620 Fax (803) 896-0617

Mr. Reece Williams #2 Fifth Ave Charleston, SC 29403 April 4, 2001

RE:

Sanitary Survey of Franklin Park S/D Water System Number 4050016 Richland County

Dear Mr. Williams:

On March 1, 2001, a follow-up sanitary survey of the above referenced water system was conducted by South Carolina Department of Health and Environmental Control (the Department) personnel. The intent of a survey is to evaluate a public water system's ability to provide a continuous supply of safe drinking water to its customers following the guidelines established by the State Primary Drinking Water Regulations, (R.61-51).

Present at the time of the inspection was Sonya C. Johnson of the Department. The system's new operator, Rita Foxworth was present. Per our phone conversation on March 14, 200, this report is being mailed to the above mentioned address. Please submit in writing, the location is which you prefer all correspondence to be submitted. The enclosed sanitary survey report consists of a brief description of the system, and a list of the deficiencies that were noted during the survey, along with any general comments or recommendations concerning the water system and its operation. The bold typeface indicates any changes from the original follow-up survey of July17, 2000

- 1. Item #2. Protection from contamination— The water hose connected to the raw water sample tap at the well was capped/plugged and filled with water. It appears valve is not properly sealing on the sample tap and this "plugging of the hose" was used to eliminate the leak. The sample tap needs to be replaced to eliminate any potential problems (R.61-58.7 D (9), page 224). This has been corrected. A new sample tap is now in place.
- 2. Item #3. Security-There is a fence present surrounding the well and tank. Please ensure the barb wire and fence is maintained properly to prevent any potential invasion of unauthorized persons. This has been corrected.
- 3. Item #12. Water quality- As part of the Consent Order and the Optimum Corrosion Control Treatment (OCCT) recommendation for the Franklin Park water system, treatment was recommended to be implemented. Therefore, this system has yet to comply with the recommendation of the OCCT. As discussed during the inspection, the system map available

Page 3 Mr. Williams April 4, 2001

system, if you have not obtained a map. Again, there are concerns that there are not adequate blow-offs within the system to flush the water lines in a unidirectional flow unless schematic valving is performed. An engineer should be obtained to calculate proper distance for installation of additional blow-offs. The map also shows other lines that were to be installed for the next phase development of the water system. At the time of the inspection, no one was sure if those lines had been installed or not. Please advise Mr. Williams on the status of those lines if they have or have not been installed. Mr. Williams has researched the status water lines; no other lines have been installed.

- 9. Item #27: Maintenance -Since the previous inspection, a new air compressor has been installed on the water tank. There is no pressure relief valve, vacuum relief valve nor a sample tap present. (R.61-58.4 C (5) (d), page 116). As discussed during the survey, the sample tap can be installed on the pipe side leading to the distribution from the tank. The wire extending from the top of the tank needs to be evaluated to see if it is active or not. If it is not active, it should be removed. However, if it is active, then it must be in conduit. Please be advised, the tank shall be inspected at a minimum of once a week for the purpose of checking on the security of the tanks and insuring that proper air/water ratios are being maintained in the hydropneumatic storage tanks. (R.61-58.7 (E) (2) page 218). The wire leading from the well house to the tank has been placed into conduit and the air compressor is operational. A sample tap has not been installed as of this inspection.
- 10. Item #30: Monitor/reports/record keeping- The Franklin Park public water system adds no treatment for pH adjustment or disinfection. An initial Construction Permit was obtained to add sodium hypochlorite and soda ash was granted August 1, 1996. A Permit Extension was given until August 1, 1999. As of this date, no treatment has been added and the Permit to Construct has expired. Systems that add simple treatment are required to have an operator, of at least a grade D, visit and check the well on a daily basis. The meters must also be read and documented daily, (R. 61-58.7 D (2), page 224). Please refer to the Notice of Violation letter from Rebecca Huskins dated October 30, 2000 concerning the violation of non-submittal of the Optimum Corrosion Control Treatment.
- 11. Item #32: Facility maintenance- Excess vegetation and debris surrounding the fence, storage tank and well area should be removed. Physical care to public facilities aid in appealing aesthetics to the customers you serve. This has been corrected.
- 12. Item #35: Procedures manual- A procedures manual needs to be made for this facility. The manual should include a minimum of the following: detailed instructions on starting and stopping any treatment plant, preventative maintenance procedures and schedules for equipment, water quality monitoring records, reporting and public notification records, sampling and analytical procedures for monitoring water quality, sample siting plan, valve and hydrant maintenance procedures, distribution system flushing program, disinfection requirements for the repair of wells, tanks and water lines, leak detection and repair program, safety procedures and emergency plans, (R.61-58.7 B (2) page 218).
- 13. Item #37: Emergency plan This system has had problems in the past with water and pressure loss. Contact and response time has improved since the previous inspection. As discussed

Page 5 Mr. Williams April 4, 2001

# in violation of the November 18, 1992, Consent Order due to no corrosion control.

Further review of the system file revealed a second well and tank previously served the system prior to March of 1990. This reduced the maximum number of taps from 289 to 49. At minimum, the well and tank need to be evaluated to determine if they can be utilized. A pump well yield test should be conducted to determine if water is available, water quality, and proper pump size. The tank needs to be inspected internally and externally to determine its integrity. Please submit any results or reports to this office for review.

Also, a test well permit was issued March 4, 1993 (expired March 8, 1995). Based on the map, the second well, which is off-line, between 225-229 Cabin Creek Blvd., appears to be the drilled test well site. No further information is on file pertaining to that well.

This system is rated unsatisfactory. Some deficiencies have been addressed since the last inspection, and the remaining must be addressed. Please submit a tentative schedule for complying with the deficient items of this survey as discussed on site. Also, please find enclosed copies of information that may be helpful in developing a procedures manual for the water system. If you have any questions, please contact me at 896-0620.

Please note the Department has requested on several occasions for a letter of ownership from you. Mailing address can not be conrected regarding the systems you have indicated you "own" can not be changed until we received this in writing from you. Recent correspondance regarding the systems have returned to the Department due to incorrect address. This survey is being forwarded to the Charleston address, however, no changes will be made in the Departments' data base until such time we received your letter.

Sincerely,

Sonya C. Johnson

Central Midlands EQC District

CC: Doug Kinard, DHEC Drinking Water Compliance Susan Alder, DHEC Drinking Water

Sue Ferguson, Palmetto Health District

Richland County Health Department

Nelson Roberts, DHEC Drinking Water Enforcement

Rita Foxworth, Garfield Environmental Services, P.O. Box 1316, Summerton, SC 29148

## S. C. Department of Health and Environmental Control Sureau of Water

#### PUBLIC WATER SYSTEM INVENTORY REPORT FORM

System Name: FRANKLIN PARK

System Number: 4050016 District (D&M): 86

(R)enua.. (D)elete.....

Reason: Sousur Forton W

TODAY's Date: Z. 26 200 |

MAILING ADDRESS: WILLIAM SELLERS

717 KING STREET

COLUMBIA. SC 29205-1705

Telephone: (803)799-9700

REECE WILLIAM C - LETER WIN THIS ON HIS LETER

AFOGRAPHICAL/CONTACT ADDRESS (If Different):

E.A. SERVICES OPERATOR GARFIELD ENVIRONMENTAL

(A)dd, (M)odify,

CABIN CREEK RD

HOPKINS, 3C

Emergency Telephone:

(863) 739-9748 606-9724

REZCH MUBILE

AYSTEM CHARACTERISTICS

System Type... C

lnact Date (mo/vr)...

Service Area.... R1

Season On (mo/day).... 910;

Subtype.... Owner Type.... 2 lnact Code....

. . . . . . . . . .

Begin Date (mo/yr)... 9478

Counties Served: 40

Season Off imp/day)... 123:

STATISTICAL INFORMATION

SOURCE USE INFORMATION:

Percent Surface Water..... 8 Percent Ground Water..... 188

Percent Purchased Surface Water. 8 Percent Purchased Ground Water.. 3

TOTAL HUST EQUAL 100 %

NUMBER OF SERVICE CONNECTIONS:

Residential.....

Non-Residential.... Maximum Allowable.,

51

" TOTAL

PRODUCTION (MGD):

Permitted.....

J. 3000 Average..... Hakimum Day.... 9.0000

CAPACITY (MSD):

Total..... 0.0000

3.9000 Emergency.....

Number of Ground Water Sources... Purchased Surface Water Sources... 8

Mumber of Surface Water Sources..

Purchased Ground Water Sources.... 8 Number of Perwament SM Sources.... 8

Number of Emergency SM Sources....

Mumber of Permanent SM Sources.... i

Augher of Emergency SW Sources.... 8

SERVICE POPULATION:

Population..... Secondary Posulation...... 8 STORAGE:

Elevated (MS).... 9.990 Sround (MG)....

9.006

Pressure (16).... 5.000

COMMENTS

REDER WILLIAMS IS CHURCHE OWNERS. STILL MANG NOT RECEIVED LETTER

IN JUNET MI, HE IS THE LIEU OWNER.

RITIO FOXUORITA - 478-7369 (4) Report Date: 1871472001 473-0572 (m)

DHEC 2109 (Rev. 07/91)

Signature

Home MADREST #2 F. FIN AUC CHARLES ON SC 29433

# Bureau of Water

I	۱	DE.	C	MA	TER	SY	TEM	SOURC	e/pl	ANT	INVENTORY
---	---	-----	---	----	-----	----	-----	-------	------	-----	-----------

System Name: FRANKLIN PARK System Mumber: 4858016 Source ID: 640157

649157	

-	· · · · · · · · · · · · · · · · · · ·			1
Reason:	force	ما - ساد		S.
100				
		行為關	<b>3</b>	Ó
(R) enge	(O)elete			
			15 PK	ΡĠ
(A) dd, (I				
				88

TODAY's Date: 3/76/ 700/

١	-	-	-	_					
	CEN	C	3AI	1	H	n	M.	TI	TIM

Availability Code... 0 Location: ..... LEET REAR OF 5/D BTU 225 + 229 Latitude..... Source Name: .... WELL TWO Receiving Plant... Longitude.... Source Code..... 6 Plant ID.....

#### GROUND WATER SOURCE INFORMATION

WELL CHARACTERISTICS:	WELL PUMP CHARACTERISTICS:	
Depth (ft) 157	Horsepower	2.88
Турв 2	Type	***
Casing Diameter (in) 6	Design Yield (gpm)	
Casing Type P	Test Yield (gpm)	8
Under the Direct Influence	Avg. Daily Production(TGD)	9.98
of Surface Water? U	Regulated Capacity (TGD)	9.80

#### TREATMENT CODES

COMMENTS

No FURTHER EVALUATION HAS BEEN DINE ON THIS WELL + TANK.

Report Date: 03/14/2001 DHEC 2114 (Rev. 02/91)

Signature

Russau of Nater  Public Nater System Source/Pla	ANT INVENTORY	A)dd, (M)odi R)enum., (D)	elete
	R	eason: _£	ما ساها الم
System Number: FRANKLIN PARK System Number: 4858016 Source	e ID: 648156 T	ODAY's Date:	3 1201 200
	GENERAL INFORMATION	-	• • • • • • • •
cation: FRONT LEFT OF S/D	Availability Code P	p. mar.	
wrce Name: WELL ONE	Latitude 335411.96		
ceiving Plant	· Longitude 9895117.63		
ant ID	Source Code 6		
LL CHARACTERISTICS:	WELL PUMP CHARACTERISTICS:		
pth (ft) 148	Horsepower	2.00	
pe 2	Design Yield (gpm)	**** 3	
sing Diameter (in) 4	Test Yield (gpm)	8	
sing Type P	Avg. Daily Production (TED)	9.80	
det the atterr rutidence		38.49	
of Surface Water? N	Regulated Capacity (TGD)	200.12	
of Surface Nater? N	Regulated Capacity (TGD)		•
of Surface Nater? N	Regulated Capacity (TGD) TREATMENT CODES		
of Surface Nater? N			

Report Date: 83/14/2081 DHEC 2114 (Rev. 82/91)

HAVE CUT BRUSH

5. C. Department of Health ... Environmental Control - Bureau of Water

## PUBLIC WATER SYSTEM SANITARY SURVEY REPORT GROUNDWATER SYSTEMS

System	Name	1	FRANKLIN	PARI
			4858816	

LAST SURVEY: 10/14/1998

SURVEY Date: 311 1200/

$\mathcal{L}$	THE FOXEMENTA WAS PRESON	·
$\mathcal{D}$		
The state of the s		
DHEC Representative		
1 DAYO PKS	<u>EMTI</u>	
A (AV)	1. m 11	
A LOUIS TO LANGE TO SERVICE TO SE		
HOUR CALUSTON NEW WAY LINE	un Ca Source	
Examples of the Interpretation	- KA SETULCES	
SI BECOMMOND OBLAINING INC	CES T A SERVICES	
WHELE IS NOW IN CONDUIT		
ما الماري	11-19.2	DO VIO. HINDE
LEDOD + COPPUL EXCEEDANCE		DO NOT HAVE
semiled work, purpled some	is the	MANUT IS PRINTED BLOCK.
	CONHENTS //	
		Operator/Owner Present? Y
		J. Overall Rating
		Date Scheduled//
203 System map I	38. CCR	H. If Yes, is System Complying W/ Order. №  1. Follow-up Scheduled? N
19/ Leak detection/Rp I	Misc. Old Survey	G. Is System Presently Under Order. Y
18. Flushing program I	37. Emergency plan I	Percent Metered 180
/17: Valve/hydrant maintenance.I	36. Stand-by power N	7 1 12 2 112 2 112 2 112 2 112 112 112 1
i6. X-Connection control	EMERGENCY OPERATION:	E. Type Inspection ROUTINE For All Services Metered? Y
15. Fire flow	35. Procedures manual	Other
14. Adequate pressure S	34. Waste disposal N	Radiological
13. Operation & Control I	33. Supplies/spare parts S	· Organic
(12) Water Qualilty	32. Facility maintenance Jes	Inorganic
DISTRIBUTION:	31, Plant Security N	· Bacteriological
10. Chemical feed rooms N 11. Chemical inject pt/sam N	GENERAL D & Mi	D. Samples Taken
9. Chemical storage N	29. Testing equipment N (38.) Monitor/Rpt/Record keep. S	p5i
B. Equipment 0 & M N	28. Certified operator N	pH
7. Filtration N	OPERATIONAL CONTROL:	Chlorine
HATER TREATMENT:	27. Maintenance U	C. Field Tests
6.Flow meter	26. Bypass/drain/tap U	T
3. Pumps 5	25. Security I	D 8
A Wellhead piping S	24. Sanitary protection S	C
3. Security 5	23. Capacity5	B 8
/ Z J FI VLELLIUM TF VB LUMLAB 3	STORAGE:	A 8
(2) Protection from contam S		· · · · · · · · · · · · · · · · · · ·
DURCE:  1. Quantity	27. Sample siting plan I 22. Disinfectant Residual N	A. Plant Group (I - V) I B. Operator Grade

DHEC 2113 (Rev #2/91)

Report Date: 03/14/2001



# ENVIRONMENTAL QUALITY CONTROL CENTRAL MIDLANDS DISTRICT

#### **MEMORANDUM**

DATE:

July 17, 2001

TO:

**Nelson Roberts** 

DHEC Drinking Water Enforcement

FROM:

Sonya C. Johnson

Central Midlands EOCDHEC

RE:

PSC/Piemont Water-Gualey/Trickton/Piney Grove/Eagle Point/River Pines- Reply

E-Mail from Nelson Roberts DHEC Enforcement 7/5/2001

Date: July 17, 2001

Larry Boland, Michele Culbreath and I have discussed the listed items on the sanitary survey report for Albene Park S/D and Franklin Park S/D. Please find listed the priority order you requested. RICHLADS

#### Albene Park S/D:

- The well pad has not been replaced but sealant has been placed in cracks. Priority 2
- Water quality regarding lead and copper could not be determined because of the different compliance/noncompliance letters that have been sent based on monitoring period. We recommend you check with Rebecca Huskins for latest monitoring and compliance results to set priority.
- Valve/hydrant maintenance has not been developed. There is no program is placed for exercising the valves on the system. Should an emergency occur or line repair need to take place, the valve(s) may not be operating properly. **Priority 1**
- Flushing program- Because of previous water quality problems associated with lead and copper and basic system distribution maintenance, the system needs to develop an adequate flushing plan. **Priority 1**
- Leak detection There is no active leak detection program in place. Previously, the system has gone several days without properly repairing leaking/broken water lines. **Priority 2**

- System map Need to acquire system map. Priority 1
- Tank leaning/crack pad In several previous surveys, concerns have been expressed regarding the leaning tank at the inlet portion. On one occasion since being noted for this deficiency, the continous pressure and weight of the water has caused the tank to settle more resulting in the pipes breaking. **Priority 1**
- Reports/record keeping/monitoring This is majority paper work/record keeping.

  Priority 3
- Procedure manual The system should develop and maintain up to date information on the systems' daily operations, emergency plans and contact numbers. **Priority 2**

### Franklin Park S/D

- Water quality lead and copper. We recommend you check with Rebecca Huskins for latest monitoring and compliance results to set priority. Also need to include their the resubmittal for the chemical treatment addition on the permit to construct that has expired.
- Sample tap on the tank A sample tank is needed on the tank for sampling to identify source or location of potential problems. **Priority 2**
- Need to address the second water well because the system has exceeded the maximum 49 taps for one well. **Priority 1**
- Valve/hydrant maintenance has not been developed. There is no program in placed for exercising the valves on the system. Should an emergency occur or line repair need to take place, the valve(s) may not be operating properly. **Priority 1**
- Flushing program As a part of the OCCT, they facility was to develop a flushing plan as well as address the installation of chemical treatment for corrosion control. **Priority 1**
- Leak detection There is no active leak detection program in place. Previously, the system has gone several days without properly repairing leaking/broken water lines. **Priority 2**
- System map Need to acquire system map. Priority 1
- Reports/record keeping/monitoring This is majority paper work/record keeping.

  Priority 3
- Procedure manual The system should develop and maintain up to date information on the systems' daily operations, emergency plans and contact numbers. **Priority 2**

L. Nelson Roberts

To:

COLUMB37.JOHNSOSC, COLUMB37.BOLANDLE, SUMTER30.REN...

Date:

7/5/01 4:34pm

Subject:

PSC/Piedmont Water-Gauley/Tickton/Piney Grove/Eagle Point/River

Pines

#### Folks.

I need your help. Mr. Reece Williams, owner of the facilities referenced (and maybe some others?), is trying to acquire more water systems and consolidate them all under the Piedmont Water System. The Department is not in favor of this for several reasons, and I have testified before the commissioners at the Public Service Commission twice. We don't want Mr. Williams acquiring any more systems until he has fixed the problems with the systems he now owns and/or operates.

Mason Summers, department attorney, and I are working on this. We've supplied several documents to the PSC, including the most recent sanitary surveys for the referenced facilities, but the PSC Commissioners would like a little more information. That's what I need from you. By July 19, would you please email to me and Mason Summers a Word document which lists the problems/deficiencies associated with the system(s) located in your district that belong to or are being managed by Reece Williams? Much of this information could be pulled from the sanitary survey reports. However, the PSC has requested that we prioritized these problems. If you have a priority rating system, feel free to use it. If not, let's try the ranking below. Feel free to suggest changes.

Priority 1: Needs immediate attention. Could cause loss of water or compromise quality/health.

Priority 2: OK for now, but could cause loss of water or compromise quality/health if continued to be neglected.

Priority 3: Needs to be corrected eventually, but not a serious health threat.

The PSC will evaluate this information to determine if they should allow Mr. Reece to acquire the River Pines water system in York County and/or to consolidate his systems into one corporation. The PSC may consider making a proposal to Mr. Williams that he make the necessary improvements to his water systems within a specified time frame before granting his requests.

I believe this is an opportunity to get Mr. Williams to correct some of these chronic problems, and I think the Department should take advantage of it.

If you have any questions, please call me at (803)898-3989 or email.

Thanks for the time and effort! Nelson

P.S. If you have any photos showing these problems, please send them also.

CC: Valerie, DHEC4001.COLUMB20.SUMMERMA, Tom, Tony, He...



CENTRAL MIDLANDS EQC DISTRICT PO Box 156, Building #5 State Park, SC 29147 (803) 896-0620 Fax (803) 896-0617

> Reece Williams #2 Fifth Ave Charleston, SC 29403

November 7, 2003 \*

RE:

Sanitary Survey of Albene Park S/D

Water System Number 4050007

Richland County

Dear Mr. Williams:

On August 28, 2003 a sanitary survey of the above referenced water system was conducted by personnel of the South Carolina Department of Health and Environmental Control (the Department) The intent of a survey is to evaluate a public water system's ability to provide a continuous supply of safe drinking water to its customers following the guidelines established by the State Primary Drinking Water Regulations, (R.61-51).

The enclosed sanitary survey report consists of any general comments or recommendations concerning the water system and its operation, along with a list of the deficiencies that were noted during the survey. If you have any questions, please contact me at 803-896-0620.

Singerely,

Sonya C. Johnson

Central Midlands EQC District

Cc:

Doug Kinard, DHEC Drinking Water Compliance

Susan Alder, DHEC Drinking Water

Bruce Bleau, DHEC Drinking Water Compliance Monitoring

Nelson Roberts, DHEC Drinking Water Enforcement

Jim Raymond, Palmetto Health District

Richland County Environmental Health Department

Rita Foxworth, Garfield Environmental Services, P.O. Box 1316, Summerton, SC 29148

Mr. Williams Page 2 November 7, 2003

Item #18. Flushing program- A flushing program needs to be implemented. The flushing program helps prevent customer complaints and water quality problems associated with stagnant, discolored, and sediment-laden water. Records of all flushing need to be documented. These records should include the date, time, location, total flushing time, size of line, volume or amount of water flushed, and any other relevant information (R.61-58.7 E (13), page 226).

Item #19. Leak detection- A leak detection program needs to be implemented. The purpose of this item is to ensure that the water system is actively searching for water line leaks and using sanitary practices to repair those leaks. All leaks and leak repair procedures should be recorded to include information such as: the location, the date of the repair, and size of the line. A disinfection method and flushing procedures should be available during the time of the repair. All boil water advisories must be issued prior to placing the water system back in service.

Item #20: System map- System maps have been acquired by Mr. Williams of the original system. The system map needs to be compared with what is actually in the subdivision to ensure they both coincide.

Item #27: Maintenance -At the time of the inspection, the tank was water logged. The check valves at both the wellhead and within the well on top of the pump were inoperable. When the well and chemicals are being checked on a daily basis, the tank and other pertinent equipment pertaining to the system should be inspected for proper operation. Also, again be advised the tank is leaning considerably to one end. The tank has settled and damaged the piping a few years ago. Again, evaluation of the tank, piping and saddle support for the tank should be addressed as soon as possible. Stress may become a factor with the end that has lifted connecting the piping feeding to the distribution system. Mr. Williams indicated he measures the brick openings to ensure the tank is no longer settling. However, I have concerns the well pad has cracked more, lifting on the side closest to the building indicating the wall may be still settling. This comparison is based on pictures of the system in 2001 and the caulk repair to the crack of the same time. The caulk crack in the well pad is now separated. The air compressor does not remain on auto, instead it is operated manually to prevent over pressurizing the system. The tank situation has not been addressed.

Item #30: Monitor/reports/record keeping- The Albene Park public water system adds simple treatment for pH adjustment and disinfection. Systems that add simple treatment are required to have an operator, of at least a grade D, visit and check the well on a daily basis. The meters must also be read and documented daily, (R. 61-58.7 D (2), page 224). The system also requires a grade D Distribution Operator. Rita Foxworth holds a license in both areas.

Mr. Williams Page 4 November 7, 2003

- D. Sample System: Once the system has been disinfected/flushed and put back into service, bacteriological samples must be collected. A copy of the (satisfactory) sample results must be submitted to our office.
- E. Repeal Boil Water Advisory: Once the bacteriological samples collected from the system come back negative for any bacteria, a repeal of the initial Advisory may be issued. A copy of this must be submitted to this office also.

## **General Comments and Recommendations:**

It should also be mentioned in the system's Emergency Plan information about acquiring a water tank truck to haul water to the system, if the occasion ever arises. (i.e. what company to use, their telephone number, etc.). Also, because of distance to the water system and accessibility to a copier, an adequate number of Boil Water Advisories should be made for distributing in a crisis. The date should be hand written at the time of delivery. During the inspection, concerns were expressed about access to Mr. Williams during emergency situations. It was stated, Ms Foxworth can be used as the emergency contact should he not be reached.

Concerns have been expressed in the past inspection regarding the settling of the tank and chemical house structure/building. Since the last inspection, the tanks' leaning had created such pressure over the years until the piping burst/broke. New plumbing has been installed, however, the tank continues to lean with a temporary support and concern continues to be expressed regarding the subsurface of the building flooring. It is recommended that subsurface be evaluated for proper support to the building and tank. A new building is needed and all electrical wiring should be within the building structure.

This system is rated unsatisfactory. July 1999 to December 1999 lead and copper monitoring indicate the system did meet the required compliance levels for this monitoring period. No active flushing program has been implemented as required in the December 1996 OCCT. Acceptable pH levels in drinking water range from 6.5 to 8.5. The previous operators of the system maintained pH levels above 7.5 to assist in ensuring lead and copper compliance. Some deficiencies have been addressed since the last inspection, and the remaining must be addressed. Please submit a tentative schedule for complying with the deficient items of this survey as discussed on site. Also, please find enclosed copies of information that may be helpful in developing a procedures manual for the water system.

Please note the Department has requested on several occasions for a letter of ownership from you. Recent correspondence regarding the systems has returned to the Department due to incorrect address. A letter submitted to the Department from you dated June 1, 2001 indicated you wanted the mail to be forwarded to the

in the second se	)			end of the second		
s. c.	Department of Health and Environment	cal Control				
	Bureau of Water			(A)dd, (M)o	dify,	1111
				(R) enum., (	D) elete	ne
	PUBLIC WATER SYSTEM INVENTORY REPORT	FORM		Reason:	Sar Sein	· 
i	System Name: ALBENE PARK S/D					
	System Number: 4050007 District (O&M	1): 06				
:	Fax Number :			TODAY's Dat	e: <u>8</u> / 23	303
		* 0 n 0 0 n n n	и • •			
MAILING ADDRESS:		GEOGRAPHICAL/CONTACT A	DDRESS	(If Differen	ť):	
PINEY GROVE UTILITIES		GARFIELD ENVIRONMENTAL	•			
PO BOX 22023	•	SONOMA DR @L.R. BLVD				
HARLESTON, SC 29413-2023		HOPKINS, SC				
Telephone: (803)606	-9224	Emergency Telephone:	(86	<del>)3)606-9224</del>	303 - 47	3-0572
	SYSTEM	CHARACTERISTICS	· · · ·		• • • a u .,	
ystem Type C	Inact Date (mo/yr)	Service Area R1		Season On (1	mo/day)	0101
wner Type 2		Counties				
nact Code	Begin Date (mo/yr) 1181	Served: 40		Season Off	(mo/day)	1231
	STATIST	ICAL INFORMATION			- 11 11 18 18 18 19	B 9 9
OURCE USE INFORMATI	ON:	NUMBER OF SERVICE CONN	ECTIONS	:		
ercent Surface Wate	er0	Residential	45			
ercent Ground Water	1 100	Non-Residential	1	TOTAL	46	
ercent Purchased Su	rface Water. 0	Maximum Allowable	40			

OURCE USE INFORMATION:	NUMBER OF SERVICE CONNECTIONS:
ercent Surface Water 0	Residential 45
ercent Ground Water 100	Non-Residential 1 TOTAL 4
ercent Purchased Surface Water. 0	Maximum Allowable. 49
ercent Purchased Ground Water 0	Permitted0
	PRODUCTION (MGD):
TOTAL MUST EQUAL 100 %	Average 0.0091 . 0125
AND MINISTER CONTRACTOR OF THE	Maximum Day 0.0188
	CAPACITY (MGD):
umber of Surface Water Sources 0	Total
umber of Ground Water Sources 1	Emergency 0.0000
urchased Surface Water Sources 0	
urchased Ground Water Sources 0	
umber of Permanent SW Sources 0	

843-659-3939

umber of Emergency SW Sources.... umber of Permanent GW Sources.... 1 umber of Emergency GW Sources....

opulation.....

econdary Population......

COMMENTS

STORAGE:

Elevated (MG)....

Ground (MG)

Pressure (TG)....

RITA FOXWARTH, OPERATOR

port Date: 08/28/2003 EC 2109 (Rev. 02/91)

ERVICE POPULATION:

0.000

0.000

#### S. C. Department of Health and Environmental Control Bureau of Water

(A) dd, (M) odify, (R) enum., (D) elete

TODAY's Date:

703-473

System Name: ALBENE PARK S/D

System Number: 4050007 Source ID:

PUBLIC WATER SYSTEM SOURCE/PLANT INVENTORY

843-659-3939

GENERAL INFORMATION

Location: ..... END-SONOMA DR.LFT.TK

Source Name: .... WELL ONE Receiving Plant ... PLANT #1

Plant ID..... B40001

Availability Code... P

Latitude..... 33.92249710 Longitude.... -80.87900620

Source Code .... G

GROUND WATER SOURCE INFORMATION

VELL CHARACTERISTICS:

:ype...... 2 lasing Diameter (in)...... 6

Inder the Direct Influence

of Surface Water?..... N

WELL PUMP CHARACTERISTICS:

Horsepower..... Type..... \$ Design Yield (gpm) .....

Test Yield (gpm)..... Avg. Daily Production (TGD) ....

Regulated Capacity (TGD)..... 52.60 31,69

TREATMENT CODES

N9970.

Aug 31,2002

July 31 2003 48486.300

43850000 >year

\* TANK CONTINUES TO LOW HILT. X BAD CHECK UDLUE, WATER RUMPING BACK INTO WELL.

MUST WEE NSF APPROVED CHURINE 12547.123 SETTLE, PAB CRACK WORST THAN REFORE. \* WELLHOUSE CONTINUES TO

105 SONOMADA 5434 UR. BUD

eport Date: 08/28/2003 HEC 2114 (Rev. 02/91)

S. C. Department of hearth and Bivil	Official Concret		
Bureau of Water		(A) dd, (M) odify,	1
		(R) enum., (D) elete	
PUBLIC WATER SYSTEM SOURCE/PLA	ANT INVENTORY		
		Reason: San Sun	_
System Name : ALBENE PARK S/I		11 2 65	
System Number: 4050007 Plant	: ID: B40001	TODAY's Date: // 7,03	-
PI	LANT SOURCE INFORMATION	·	
	Accessed to Development (MCD)	0.0000 0.0125	
lant Name PLANT #1	Average Production (MGD)	p, 0316	ιÓ
lant Phone	Total Capacity (MGD)	0.0000	
lant Type B	Emergency Capacity (MGD)	0.0000	
eographical Address @WELL #1 END SONOMA DR @ TANK	C.		
	TREATMENT CODES		
C7403 D4210			

COMMENTS

sport Date: 08/28/2003
HEC 2114 (Rev. 02/91)

Signature POMP Lakes

#### S. C. Department of Health and Environmental Control - Bureau of Water

# PUBLIC WATER SYSTEM SANITARY SURVEY REPORT GROUNDWATER SYSTEMS

System Name : ALBENE PARK S/D		0 30 27
ystem Number: 4050007	LAST SURVEY: 03/26/2001	SURVEY Date: 0, 2803
OURCE:	21. Sample siting plan S	A. System Group (I - V) III
1. Quantity	22. Disinfectant Residual S	B. Operator Grade
2 Protection from contam.	STORAGE:	A
3. Security S	23. CapacityS	В 0
4. Wellhead piping S	24. Sanitary protection S	C 0
5 Pumps S	25. Security S	D
6.Flow meter S	26. Bypass/drain/tap S	T
ATER TREATMENT:	(27). Maintenance U	C. Field Tests \ DIST. D=
7. Filtration S	OPERATIONAL CONTROL:	Chlorine
8 Equipment O & M S	28 Certified operator S	рн
9. Chemical storage S	29. Testing equipment S	psi
10. Chemical feed rooms S	30. Monitor/Rpt/Record keep. 🎢	Other
11 Chemical inject pt/sam S	GENERAL O & M:	D. Samples Taken
ISTRIBUTION:	31. Plant Security N	Bacteriological
(12). Water Qualilty	32. Facility maintenance S	Inorganic
13. Operation & Control S	33. Supplies/spare parts S	Organic
14. Adequate pressure S	34. Waste disposal N	Radiological
15. Fire flow	33, Procedures manualI	Other
(%) X-Connection control	EMERGENCY OPERATION:	E. Type Inspection FOLLOW-UP
(17.) Valve/hydrant maintenance.I	36. Stand-by power N	F. Are All Services Metered? Y
(18) Flushing program I	(37) Emergency plan I	Percent Metered 100
19. Leak detection/Rp S	Misc. Old Survey	G. Is System Presently Under Order. Y
(20) System map	38. CCR	H. If Yes, is System Complying W/ Order
		I. Follow-up Scheduled?
		Date Scheduled//
· · · · · · · ·		J. Overall Rating
		Operator/Owner Present?
(2) Bons CHECK VALUES PORC A	TO COMMENTS	
METHOD BOX METHOR		NEEDS PRESSURE WASHING OR
	Vieras	TO BE PRINTED.
3 LEND & COLLAR EXCREDIBATE		WISHING IS BET/16 CONDUCTED BUT
TO CHECK VINLUES NOT OPERATION		is with Delland to
. 1 .		IS NOT DESIGNED FOR POLICIARE
20 Me My Jone HOS ACOUNTED	SYSTEM MORESI	
	,	
	)	
		-
A RF/		
Down Shus		
NEC Representative		
& Ta Wtod	5 /	
- John Sand		
ystem Representative	Title	
,	· · · · · · · · · · · · · · · · · · ·	

HEC 2113 (Rev 02/91)

Report Date: 08/28/2003



CENTRAL MIDLANDS EQC DISTRICT PO Box 156, Building #5 State Park, SC 29147 (803) 896-0620 Fax (803) 896-0617

Mr. Reece Williams#2 Fifth AveCharleston, SC 29403

November 7, 2003

RE:

Sanitary Survey of Franklin Park S/D Water System Number 4050016

**Richland County** 

Dear Mr. Williams:

On August 28, 2003, a sanitary survey of the above referenced water system was conducted by personnel of the South Carolina Department of Health and Environmental Control (the Department). The intent of a survey is to evaluate a public water system's ability to provide a continuous supply of safe drinking water to its customers following the guidelines established by the State Primary Drinking Water Regulations, (R.61-51).

The enclosed sanitary survey report consists of any general comments or recommendations concerning the water system and its operation, along with a list of the deficiencies that were noted during the survey. If you have any questions, please contact me at 803-896-0620.

Sincerely,

Sonya C. Johnson

Central Midlands EQC District

Cc:

Doug Kinard, DHEC Drinking Water Compliance

Susan Alder, DHEC Drinking Water

Nelson Roberts, DHEC Drinking Water Enforcement

Bruce Bleau, DHEC Drinking Water Compliance Monitoring

Jim Raymond, Palmetto Health District

Richland County Environmental Health Department

Rita Foxworth, Garfield Environmental, P.O. Box 1316, Summerton, SC 29148

Mr. Williams Page 2 November 7, 2003

Item #18. Flushing program- A flushing program helps prevent customer complaints and water quality problems associated with stagnant, discolored, and sediment-laden water. Records of all flushing need to be documented. These records should include the date, time, location, total flushing time, size of line, volume or amount of water flushed, and any other relevant information (R.61-58.7 E (13), page 226). As discussed during previous inspections, the system map available indicated there is only one hydrant present on the system for flushing and there is no active flushing program being conducted. Also mentioned, both the current distribution system and the proposed flushing plan submitted are inadequately designed for flushing the system. In order to ensure adequate flushing of the entire system, it is recommended that a flushing plan be designed/developed by an engineer and submitted to the Department for review. The plan should include proper location of the blow-offs, line sizes, calculated gallon usage and flushing time to ensure adequate water storage is available for customer usage. Previous raw water sampling indicated the pH level to be 5.0. This system has exceeded lead and copper action levels in the past. Please see the correspondence from the DHEC Drinking Water Compliance Section concerning the latest information with the system lead and copper compliance status.

Item #19. Leak detection- A leak detection program needs to be implemented. The purpose of this item is to ensure that the water system is actively searching for water line leaks and using sanitary practices to repair those leaks. All leaks and leak repair procedures should be recorded to include information such as: the location, the date of the repair, and size of the line. Disinfection process and flushing procedures should be available during the time of the repair. All boil water advisories must be issued prior to placing the water back in service. Since the last inspection, the line extending from the well house to the tank had two leaks, which have been repaired by placing a repair sleeve around them. During this inspection, standing water was present again in front of the well house. During the previous inspection, it was mentioned there are plans in the future to replace this galvanized piping. When this work is conducted, please advise the customers at least a week in advance with copies of boil water advisories until the repeal lift notice is issued. It is recommended that enough notice for normal operation is included to provided time for the system to rebuild to normal operating pressure. (Ex. If the repair is estimated for 6 hours then your time allotted should be 8:00 am to 8:00 pm). This will allow time for system recovery, disinfection and flushing. This information should be included on your notice to the customers.

The same day of this inspection, a complaint was registered to DHEC concerning a leak at the meter of 222 Acie Dr and with the neighbor across the street. Site investigation with Mr. Williams and Ms. Foxworth revealed a steady stream of water from the meter pit of 222 Acie Dr. Further investigation with the resident and Ms. Foxworth reveal the water was discharging from a major crack on

Mr. Williams Page 4 November 7, 2003

Item #37: Emergency plan - This system has had problems in the past with water loss and low pressure. The pump, a switch or other electrical problems has occurred over the past year. Contact and response time has improved since previous inspection. As discussed during the inspection, any added information such as emergency contacts to the person responsible for the well, distribution repair, handing out any water advisories and contacting DHEC any time there is a system failure. Please be advised that the far end and high points in the distribution system will be the first without water. If water is present in the tank, there still may be no water in the distribution. Boil water advisories must be issued during anytime the distribution pressure drops below ten pounds per square inch (10 psi).

The procedures should include the following:

A. Contact DHEC: Our office should be contacted and informed of any problems that the system is experiencing. This can provide better assist if we are informed of facility problems on customer complaints and troubleshooting. Our office number is (803) 896-0620. Our 24-hour emergency numbers: local number (803) 253-6488 or toll free 1-888-481-0125.

- B. Issue a Boil Water Advisory: After the problem has been identified, a Boil Water Advisory must be issued to each customer. The notice must be issued before the system is put back into service. A copy of the Advisory must be submitted to our office (new fax number 896-0617).
- C. Disinfection/ Flush: If the system has a line break or a problem that requires the pump to be pulled, it must be disinfected and flushed properly to aid in preventing any potential bacteria growth and other contamination from being introduced into the system.
- D. Sample System: Once the system has been disinfected/flushed and put back into service, bacteriological samples must be collected. A copy of the (satisfactory) sample results must be submitted to our office.
- E. Repeal Boil Water Advisory: Once the bacteriological samples performed on the system come back negative for any bacteria, a repeal of the initial Advisory may be issued. A copy of this must be submitted to this office also.

It should also be mentioned in the system Emergency Plan information about acquiring a water tank truck to haul water to the system, if the occasion ever arises. (i.e. what company to use, their telephone number, etc.). This system has contacted the Department on recent system emergencies. However, the system should consider

Please note the Department has requested on several occasions for a letter of ownership from you. Recent correspondence regarding the systems has returned to the Department due to incorrect address. A letter submitted to the Department from you dated June 1, 2001 indicated you wanted the mail to be forwarded to the following address; Piney Grove Utilities, 717 Kings Street, Columbia SC 29205. The current Drinking Water Database indicates P.O. Box 22023 Charleston SC 29413-2023 as a mailing address. However, mail has been returned to the Department from this address. This survey is being forwarded to the Charleston home address; however, no changes will be made in the Departments' database until such time we receive an updated letter from you.

#### S. C. Department of Health and Environmental Control Bureau of Water (A)dd, (M)odify, (R) enum., (D) elete. PUBLIC WATER SYSTEM INVENTORY REPORT FORM System Name: FRANKLIN PARK System Number: 4050016 District (O&M): 06 Fax Number : MAILING ADDRESS: GEOGRAPHICAL/CONTACT ADDRESS (If Different): GARFIELD ENVIRONMENTAL PINEY GROVE UTILITIES CABIN CREEK RD O BOX 22023 HARLESTON, SC 29413-2023 HOPKINS, SC Telephone: (803)606-9224 Emergency Telephone: (803)606-9224 SYSTEM CHARACTERISTICS ystem Type. . . C Inact Date (mo/yr) .... Service Area.... R1 Season On (mo/day) .... 0101 lubtype...... Counties wner Type.... 2 nact Code.... Begin Date (mo/yr) ... 0478 Served: 40 Season Off (mo/day)... 1231 STATISTICAL INFORMATION OURCE USE INFORMATION: NUMBER OF SERVICE CONNECTIONS: Residential ..... ercent Surface Water ..... 0 ercent Ground Water ..... 100 Non-Residential.... TOTAL 51 ercent Purchased Surface Water. Maximum Allowable.. 51 ercent Purchased Ground Water 0 Permitted..... PRODUCTION (MGD): TOTAL MUST EQUAL 100 % Average..... 0.0000 0.0000 Maximum Day.... CAPACITY (MGD): Total..... 0.0000 , 60 38 umber of Surface Water Sources.. umber of Ground Water Sources ... 0.0000 Emergency..... urchased Surface Water Sources... 0 urchased Ground Water Sources . . . 0 umber of Permanent SW Sources.... 0 umber of Emergency SW Sources.... 0 umber of Permanent GW Sources . . . 1 umber of Emergency GW Sources ... 0 STORAGE:

COMMENTS

Elevated (MG)....

Ground (MG) ..... 0.000

Pressure (TG) .... 5.000

port Date: 08/28/2003 EC 2109 (Rev 02/91)

ERVICE POPULATION:

condary Population......

Signature Lomp Acknow

0.000

S. C.	Department of Health and Environ	mental Control		
	Bureau of Water		(A)dd, (M)odify, (R)enum., (D)elete	
	PUBLIC WATER SYSTEM SOURCE/PLANT	INVENTORY	Reason: Sar Sur	<i></i>
	System Name: FRANKLIN PARK		, ,	) 67
	System Number: 4050016 Source I	D: G40156	TODAY's Date: 1	<u>'</u> /
	G.	INFORMATION		
cation:	FRONT LEFT OF S/D	Availability Code P		
ource Name:	WELL ONE	Latitude 33.90332130		
ceiving Plant		Longitude80 85489720		
ant ID		Source Code G		
	GROUND	WATER SOURCE INFORMATION		
		WILL DANCE GUADA CHARACTER CO.	N = 1	
LL CHARACTERISTIC		WELL PUMP CHARACTERISTICS:	2.22	
pth (ft)		Horsepower		
pe		Type  Design Yield (gpm)		
sing Diameter (in		Test Yield (gpm)	0	
sing Type der the Direct In		Avg Daily Production (TGD)		
of Surface Wate		Regulated Capacity (TGD)		
g n m + + 11 11 11 11 11				.) e .) e
	Ti	REATMENT CODES		
10000,				
9 D 4 9 9 10 D		COMMENTS	* • • • • a a a b a a	
		CONTRACTED		

SMALL COOK OUTSIDE OF WEU-HOUSE

eport Date: 08/28/2003 HEC 2114 (Rev. 02/91)

# S. C. Department of Health and Environmental Control Bureau of Water PUBLIC WATER SYSTEM SOURCE/PLANT INVENTORY

System Name: FRANKLIN PARK System Number: 4050016 Source ID: G40157

(A)dd, (M)odify,	Ma
(R) enum., (D) elete,	1
Reason: Spriller	
TODAY's Date: 11/7/	03_

Availability Code 0  Latitude  Longitude  Source Code G	
Longitude G  Source Code G	· · · · · · · · · · · · · · · · · · ·
Source Code G	• • • • • • • • • • • • • • • • • • • •
	• • • • • • • • • • • • • • • • • • • •
UND WATER SOURCE INFORMATION	
WELL PUMP CHARACTERISTICS:	
Horsepower0	. 00
Туре	9
Design Yield (gpm)	O .
Test Yield (gpm)0	
Avg. Daily Production(TGD) 0	. 00
Regulated Capacity (TGD) 0	.00
	<b>4</b> 11 <b>4</b> 1 <b>4</b> 10 11 11 11 11 11 11 11
TREATMENT CODES	
	WELL PUMP CHARACTERISTICS:  Horsepower 0  Type  Design Yield (gpm)  Test Yield (gpm) 0  Avg Daily Production(TGD) 0

COMMENTS

eport Date: 08/28/2003 HEC 2114 (Rev. 02/91)

S. C. Department of Health and Environmental Control - Bureau of Water

# PUBLIC WATER SYSTEM SANITARY SURVEY REPORT GROUNDWATER SYSTEMS

System Name : FRANKLIN PARK		<b>A</b>
System Number: 4050016	LAST SURVEY: 03/01/2001	SURVEY Date: 8 /28/03
SOURCE:	21. Sample siting plan 🗶 🗲	A. System Group (I - V) I
1. Quantity S	22. Disinfectant Residual N	B. Operator Grade
2. Protection from contam S	STORAGE:	A0
3. Security S	23. CapacityS	. В 0
4. Wellhead piping S	24. Sanitary protection S	C 0
5. Pumps S	25. Security * 5	D 0
6.Flow meter	26. Bypass/drain/tap U	T 0
WATER TREATMENT:	27. Maintenance	C. Field Tests D DISTURUTION CIC
7. Filtration N	OPERATIONAL CONTROL:	Chlorine
8. Equipment O & M N	28. Certified operator N	рн
9. Chemical storage N	29 Testing equipment N	psi
10. Chemical feed rooms N	30 Monitor/Rpt/Record keep. S	Other
11. Chemical inject pt/sam N	GENERAL O & M:	D. Samples Taken
DISTRIBUTION:	31. Plant Security N	Bacteriological
12. Water Qualilty U	32. Facility maintenance S	Inorganic
13. Operation & Control	33 Supplies/spare parts S	Organic
14. Adequate pressure S	34 Waste disposal N	Radiological
15. Fire flow N	35. Procedures manualI	Other
16. X-Connection control S	EMERGENCY OPERATION:	E. Type Inspection FOLLOW UP (COUTING
17. Valve/hydrant maintenance.I	36. Stand-by power N	F. Are All Services Metered? Y
18 Flushing program I	37. Emergency plan I	Percent Metered 100
19. Leak detection/Rp I	Misc. Old Survey	G. Is System Presently Under Order. Y
20. System map	38. CCR y	H. If Yes, is System Complying W/ Order.N
·	r .	I. Follow-up Scheduled?
		Date Scheduled//
		J. Overall Rating
		Operator/Owner Present? Y
@ No Flow motion 1/2 PLACE	COMMENTS	
	(A) MPPARENT LUAK PRES	SAN @ MELCHARK
13 VIOLATION WITH CHAD + COPPUR	mosor conk on me	701 @ 222 ACI F
7) NO PROGRAM IMPLACE,	(ZTO Somech The STILL IN	ot presout
BNO ACTIVE PROSEROM /NO WRITTEN	2a	
10,000 A TO	FROURAM (35) NOWS A COMPLETE PR	ockbures applian.
()		
		-
Doup Johnso		
HEC Representative		
* Line Jan	inch	
/stem Representative	Title	
EC 2113 (Rev 02/91)		Report Date: 08/28/2003

Angela Mettlen

To:

COLUMB32.ROBERTLN, COLUMB32.FOYJR

Date:

6/28/00 12:53pm

Subject:

PINEY GROVE UTILITIES

Mr. Reese Williams paid a visit out here. Think he had my name from my previous duties (he used to be with U.S. Utilities)...but he did want to meet the 'district folk'.

He has bought all stock for Piney Grove Utilities and is trying to get a handle on things. He is going to meet again with the folks at CW Haynes and discuss their point of view and also will come up with further questions for you all. He particularly wants to talk with the two of you about 'priorities' since there are some longstanding concerns with the water/sewer systems. He will call to set up an appointment at a later date.

In the meantime, he will write each of you (and copy us) a letter detailing all the systems that he now owns, changes in mailing address, contact numbers, etc. He will also state that operational functions will remain with EA Services (Thurston Chavis). This should be to you all in the next several days.

As another point of interest to you, he is looking at and in negotiations with other smaller systems throughout the state. This is something he wants to let you all know about as well...particularly those that may have an enforcement history.

Please let us know if we can provide any further help as we get further into this process! Thanks!

Angie

CC:

Larry, Sonya

L. Nelson Roberts

To:

COLUMB37.JOHNSOSC, COLUMB37.BOLANDLE

Date:

7/27/00 9:47am

Subject:

Reece Williams/Piney Grove

I talked with Reece this morning and told him that the info he provided Wednesday was insufficient. I reiterated what was needed, and he is supposed to address each item in the Albene SS report individually, stating the current condition, what has been done, what will be done, how it will be done (in general terms), and a timeline for completion. He will also address the Franklin SS report when he gets it. I also told him to address the items for both facilities mentioned in the most recent order. In addition, I told him to keep in contact with you to coordinate any changes that must first be approved by the department. He should be contacting you today.

I gave Reece until next Friday (Aug. 4) to resubmit the info as we initially requested. In the meantime, I'll discuss this with Alex Shissias and proceed with any action necessary.

In our discussion, Reece was very wishy-washy, saying one thing and then contradicting himself later. I challenged him on several of these. Watch what he says - he'll switch things around.

Keep me posted if there's anything you think I should know, and I'll do the same.

Thanks, Nelson

CC:

Valerie

OUS pard housens

L. Nelson Roberts

To:

COLUMB37 (JOHNSOSC)

Date:

8/9/00 4:20pm

Subject:

Reece Williams - Piney Grove Utilities -Reply

Thanks for the info. He still probably won't address the ownership issue fully as we requested.

#### Nelson

>>> Sonya Johnson 08/09/00 04:11pm >>>

Just received a call from Reece Williams. He has a meeting tomorrow will Johnnie Johnson, engineer, to discuss addressing items at his facilities. He was wanting to know if Larry and I were available to meet - but we both have our day full. His meeting is at 10:00 in the morning.

He mentioned how the info is still going to Mr. Sellers - but I stated again we have not received a letter indicating owner change. He mentioned Mr. Lang letter to Jeff DeB... but it does not give a name. He is supposed to "now" fax or send a letter to have the name contact changed from Mr. William Sellers to his name but it will still be Piney Grove Utilities.

Sonya

CC:

Helena

## Piney Grave Utilities, Inc.

717 King St. Columbia, SC 29205

July 25, 2000

Mr. Nelson Roberts
DHEC Drinking Water Enforcement

By: FAX: 803 935 6724

### Dear Nelson,

Please accept this letter as my intent to address the Sanitary Survey of Albene Park performed on July 7, 2000. Also, included is information about Franklin Park After a due diligence period I would like to share with you in this letter what I have learned and how I think we can best proceed. At this time, I understand that we will try to prioritize each task and establish some time line. The following are priority items and you will have a completion time for them as we get information. I expect this information to come together in 30 days and will let you know weekly.

- 1) After our meeting at the Hopkins Community meeting on June 27, I left with the impression that customers are concerned about safety: Public information will be available to the customers. Distribute public education for lead, copper and other relevant analysis. Low Pressure in the past has been improved recently by servicing the compressor.
- a) concrete pad around wellhead casing cracks to be sealed
- b) flushing program has improved and will be included in a corrosion control study and a valve maintenance plan that is to be resubmitted by our Operator.
- c) a customer shared that we need to improve security. 2. Item #3 of the SS confirms that improvement has been made.
- d) my personal phone number has been released for any customer
- 2) Administrative Tasks: System maps, Procedures manual, and an Emergency plan will be prepared from existing documentation available from DHEC, past owners, our Operator and other related parties.
- 3) Engineering: The well house and production facilities are in poor shape. Apparently there have been cost prohibitive reasons for them getting that way. A plan to redevelop the production and distribution will have to be reviewed and prepared by a registered engineer.
- a) the integrity of the tank and how to proceed
- b) add blow off stems and determine potential to remove misleading hydrants
- c) at Franklin Park during the recent Sanitary Survey suggestions were made to replace a plug-at the top of the tank for improved ventilation, also, check the function of wire which leads to the tank.
- 4) Budget: A Business Plan will be made with the related financial statements: from the company CPA, the Public Service Commission, and prepared budget forecasts to include those capital improvements which are priority items above.

Thank you,
D. Reece Williams IV

PER CONVERSATION WITH NELSON RUBERTS, THIS LETTER DOES NOT ADDRESS THE REQUEST TIME LINE FOR COMPLYING WITH THE ISSUES DISCUSSED DURING THE PRIOR MICETINGS NOR ENFORCEMENT ITEMS. NELSON WITH CONTACT RUSE WILLIAMS TO INFORM HIM THIS HIS INADEQUATE.

SONYA.

84/89/1995 12:43

803722904B

SCHWARZ PHARMA

PAGE 81

## Placy Grave Stifflies, Inc.

717 King St. Columbia, SC 29205

August 01, 2000

Mr. L. Nelson Roberts, Jr DHEC Bureau of Water By: FAX: 803 898 3795

### Dear Nelson,

Please accept this letter as my intent to address the Sanitary Survey of Albene Park performed on July 7, 2000. The following directly reflects the noted items. Items 2,3,7,10,11,12 have been resolved or corrected. Items 9,13,14 are administrative priorities and will require approximately 60 days. Items 1,4,5,6,8 require engineering; requiring at least 90 days.

which the state of the state of

- 1) concrete pad around wellhead easing cracks to be sealed. A temporary sealant will be used.
- 2),3)the empty bags will be removed, the damaged bags will be disposed of by the operator and the container will be used for future storage.
- 4) a flushing plan will be redeveloped/ redesigned by an engineer and resubmitted to the department. The operator will not certify that the Civil Engineering flushing plan is active if it is not.
- 5)a valve maintenance program, (R.61-58.7 E (9) page 225) will be established.
- 6) this item describes that action necessary to complete #4 above and should be included there
- 7) E&A Services is aware and continues to be updated of the regulations of the department. The water system will experience leaks and repairs which will be reported to our operator. The procedure that is taken will be recorded,
- 8) this item describes that action necessary to complete #4
- 9) as mentioned in our letter submitted on July, 25 2000 the air compressor was fixed. An evaluation of the leaning tank has been submitted to permitting and a bid was received to perform the work this past spring. The bid was not accepted because there is not enough money available. The situation is to be reevaluated and resubmitted to permitting, at a acceptable cost.
- 10) E&A Services does provide the tasks described here and is aware of the regulations provided.
- 11) this item describes that action again in #4. In case the light bulb does not work the operator has a flashlight.
- 12)a procedures manual is available from the operator.

The following are comprehensive and serve as added responses and comments.

- 13) Administrative Tasks: System maps, Procedures manual, and an Emergency plan will be prepared from existing documentation available from DHEC, past owners, our Operator and other related parties.
- 14) Budget: A Business Plan will be made with the related financial statements: from the company CPA, the Public Service Commission, DHEC and prepared budget forecasts to include those capital improvements above.

Thank you, Recce Williams

4ª6,0617

## Pincy Grave Stillies, inc.

717 King St. Columbia, SC 29205

June 01, 2001

Mr. L. Nelson Roberts, Jr
Department of Health & Environmental Control
Bureau of Water

By; FAX: (803)898-3795

Dear Nelson,

Please change or add to your, and hopefully the Department, database the following contact information.

Piney Grove Utilities 717 King St. Columbia, S.C. 29205

Contact Name: Reece Williams

telephone: 803 606 9224

The following includes either an on site manager; generally a resident/ customer or licensed contract operator. Please list these as additional or emergency contacts

Piney Grove Utilities

Subdivision Name: Albene Park, Water Rick.

Location: Columbia, Hopkins, Lower Richland Blvd. to Albene Dr.

Manager: Mr. Gene Huggins 803 603 1756

Operator Alternate Ms. Rita Foxworth 803 473 0572

Subdivision Name: Franklin Park, Water/ Wastewater

Location: Columbia, Hopkins, Lower Richland Blvd. to Cabin Creek Blvd. to Ault Rd.

Manager: Mr. Gene Huggins 803 603 1756

Operator Alternate: Ms Rita Foxworth 803 473 0572

Subdivision Name: Lloydwood, Wastewater

Location: Cayce, Old Charleston Hwy., past I-26 several miles on left to Lloydwood Dr.

Manager: Charles Ray 803 791 7884

Operator Alternate: E&A Services 803 796 1602

RECEIVED

JUN 2 7 2001
CENTRAL MIDLANDS
DISTRICT - EQC

## Rita Foxworth

Telephona 843-659-3939 Mb. 803-473-0572

R. Foxworth & Services 2270 Sand Hill Rd. Turbeville, S.C. 29162

July 07, 2005

S.C. D.H. E.C. NPDES Administration 2600 Bull Strret Columbia, S.C 29162

Att: Deborah F. Mack

Re: Operator of Record

Effective July 30, 2005. I will no longer be operator of record for the listed sites:

Franklin Park W/W # SC0031399

Water # SC4050016

Allbene Park Water # SC4050007

If you should have any questions. Please call me @ 803 473 0572.

Rita W. Foxworth



JUN 0 2 2004

CENTRAL MIDLANDS
DISTRICT - EQC

## Rita Foxworth

Telephone 843-659-3939 Mb. 803-473-0572

2270 Sand Hill Rd. Turbeville, S.C. 29162

May 29, 2004

S.C.D.H.E.C. NPDES Administration 2600 Bull Street Columbia, S.C. 29201

Att: Deborah F. Mack

Ref: Franklin Park W/W. # SC0033199

Informing you that as of May 30, 2004. I will no longer be operator of record for the Franklin Park S/D. Mr. Mark Wrigley will be the operator. This will also include Franklin/and Albene Park Drinking Water.

If you should have any questions. Please feel free to call me @ 803 473 0572.

Rita W. Foxworth

CC: Central Midlands EQC District

Mr. R. Williams

File



CENTRAL MIDLANDS EQC DISTRICT

PO Box 156, Building #5 State Park, SC 29147 (803) 896-0620 Fax (803) 896-0617

CERTIFIED / RETURN RECEIPT MAIL

August 8, 2002

Mr. Reece Williams
Piney Grove Utilities, Inc.
2 Fifth Avenue
Charleston, SC 29403

RE: Or

Operator of Record

Franklin Park WWTP- SC0033199, Richland Co. Franklin Park Water – SC4050016, Richland Co. Albene Park Water – SC4050007, Richland Co.

Dear Mr. Williams:

The Department received a letter on August 5, 2002 from Ms. Rita Foxworth of Garfield Environmental Services stating that as of August 1, 2002 they would no longer be the Operator of Record for the above referenced treatment facilities.

The Department is requesting that you notify this office <u>immediately upon</u> receiving this letter, as to who is the current Operator of Record for the above referenced facilities and the date that this became effective. Also, please include the Operator grade(s), license number(s) and type of license(s) they currently hold in South Carolina.

If you have any questions, please contact me at (803) 896-0620.

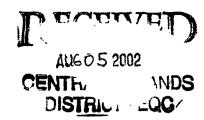
Sincerely,

Farry E Boland

Larry Boland Water & Wastewater Section Manager Central Midlands District - EQC Office

CC:

Tracey Wilkes, CM-EQC Sonya Johnson, CM-EQC Anastasia Hunter-Shaw, BOW Enforcement Nelson Roberts, BOW Enforcement



## Garfield Environmental Services

Susan Hobbs/ R. Foxworth Owner/Operator Post Office Box 1316 Summerton, S.C. 29148

Telephone 803 478- 7369 mb. 473-7369

Facilities Compliance Managers SCDEC 2600 Bull Street Columbia, SC 29201 Tracey DW sorn mirkele Mil

To whom it may concern. As of August 01,2002, Garfields Env. Services will no longer operator on record for the following facilities. I have found this necessary to terminate our services due to non-payment.

The sites are:

Franklin Park WW #SC0033199

Franklin Park Water # 4050016

Albene Park Water 4050007

Eagle Point Water

1450003 (Manning, SC)

Sincerely,

cc. Wateree Env. Quality Control
Joseph Rivers, Bureau of Water
Central Midlands EQC District

PCC: anatasia diente E Robeir Foy

Post-it® Fax Note	7671	Date < 13/02 # of pages ► /
To Houstusiad	Junte/S	From Frances Ul. P. Res
Co./Dept.		Со
Phone # 898-45	150	Phone #
Fax#	(	Fax #

Com .

## **Garfield Environmental Services**

S.H. Hobbs / Rha Foxworth Owners & Operators Post office 1316 Summerton, SC 29148 Telephone (803)478 7369 Fax (803)478-7369 mob 473-0572

January 22, 2001

To whom it may concern.

Garfield Environmental Services has been contracted to operate and manage the below listed plants:

Piney Grove UT/ Franklin Park(Wastewater)
NPDES Permit# SC0031399

Franklin Park (Water) # 4050016

Albene Park (Water) # 4050007

Garfield Env. Services

Certif# Wastewater 4883

Water 2512 (D)





January 16, 2001

Mr. Larry Boland SCDHEC P.O. Box 156 State Park, South Carolina 29147

Dear Mr. Boland:

Please be advised that effective January 15, 2001, E.A. Services, will discontinue the operation of the following facilities:

- 1. Albany Park Water System, No. 4050007
- 2. Franklin Park Water System, No. 4050016
- 3. Franklin Park WWTF, No. SC0031399

Should there be questions, please call.

Sincerely,

Thurston L. Chavis

cc: Reese Williams



JUL 2 8 1997 CENTRAL MIDLANDS DISTRICT - EQC

July 25, 1997

Mr. Joseph Rivers SC Department of Health and Environmental Control Post Office Box 156 State Park, South Carolina 29147

Dear Joey,

As per our discussion, please find below a list of facilities and the present operator of grade:

Manchester Farms, Water & Wastewater: Manley Davis 1) 2)

Cedar Creek Mobile Home Park, Wastewater Treatment Facility: Barry Leaphart 3)

Albene Water System: Manley Davis

Franklin Park Water & Wastewater: Manley Davis 4)

Certification numbers for Manley Davis for Water is W2250 and for Biological is BL3362. Certification numbers for Barry Leaphart for Water is W3878 and for Biological is BL4948.

Should there be questions, please call.

Sincerely,

Thurston L. Chavis

TLC/ym

f:\common\dhec\_724.ltr

200 Rich L. D. . .



JUN 0 2 2004

CENTRAL MIDLANDS
DISTRICT - EQC

## Rita Foxworth

Telephone 843-659-3939 Mb. 803-473-0572

2270 Sand Hill Rd. Turbeville, S.C. 29162

May 29, 2004

S.C.D.H.E.C. NPDES Administration 2600 Bull Street Columbia, S.C. 29201

Att: Deborah F. Mack

Ref: Franklin Park W/W. # SC0033199

Informing you that as of May 30, 2004. I will no longer be operator of record for the Franklin Park S/D. Mr. Mark Wrigley will be the operator. This will also include Franklin/and Albene Park Drinking Water.

If you should have any questions. Please feel free to call me @ 803 473 0572.

Rita W. Foxworth

CC: Central Midlands EQC District

Mr. R. Williams

File